

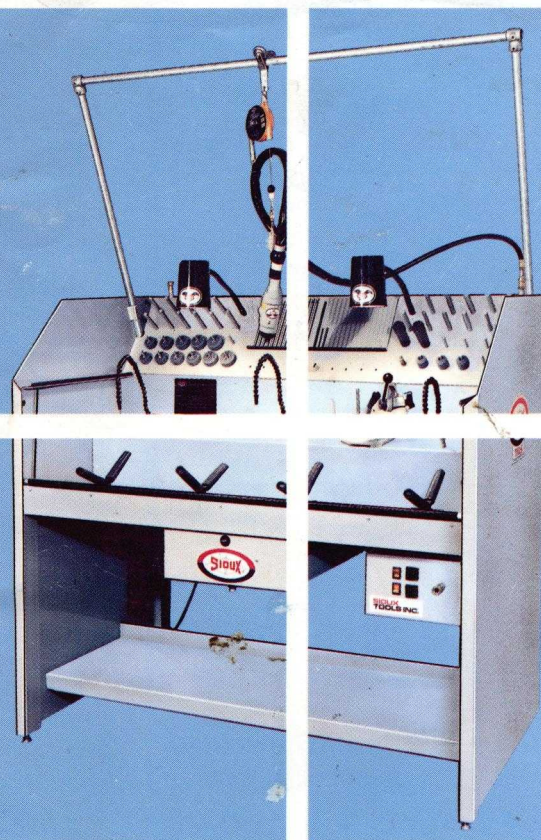
CATALOG
NO.
87A



BUILT WITH
AMERICAN PRIDE

AUTOMOTIVE

PROFESSIONAL TOOLS AND EQUIPMENT



SIoux
TOOLS INC.

2901 FLOYD BOULEVARD ■ SIOUX CITY, IOWA 51102 ■

SIOUX TOOLS INC.

2901 FLOYD BOULEVARD ■ SIOUX CITY, IOWA 51102 ■

Dear Customer:

Sioux Tools has been in business for 70 years as a corporation manufacturing air and electric power tools, accessories, abrasives and shop equipment. We believe in the team approach to design, manufacturing and selling our products.

As a member of our selling team and to establish a mutually beneficial business relationship, you need to know where SIOUX stands.

- SIOUX:**
- SELLS ONLY THROUGH DISTRIBUTORS.
 - PROVIDES THE BEST PRODUCT GUARANTEE.
 - HAS CONVENIENTLY LOCATED SERVICE CENTERS.
 - MAKES AVAILABLE FACTORY TRAINED SALESMEN.
 - HAS WRITTEN UNDERSTANDABLE UNIVERSAL SALES POLICIES.
 - BELIEVES IN THE AMERICAN FREE ENTERPRISE SYSTEM.
 - USER FRIENDLY.

By working together we can better serve our customers. Thank you for your past support and the opportunity to continue to serve you in the future.

Yours truly,

The Sioux Team

THE SIOUX TEAM



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Electric Grinders & Sanders To 2-1/2 HP

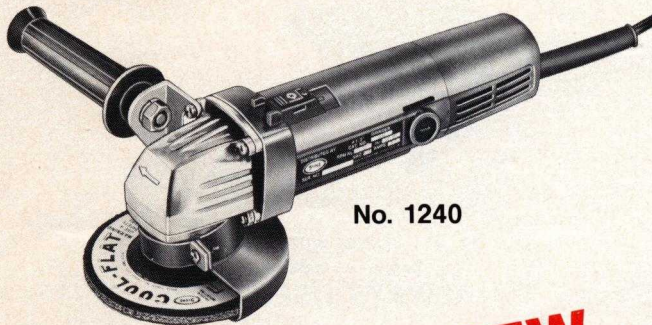


● No. 1245
AC-DC
Double Insulated



NEW

□ No. 1277A
Use No. 510 Holder unless using
wheel with 5/8"-11 threaded hub.
ALWAYS USE GUARD.



No. 1240



NEW

■ No. 1274A
Accessory Set No. 546
not included with this tool



NEW

○ No. 1267DI
Accessory Set No. 546
not included with this tool
Double Insulated

- Full ball and needle bearing construction
- Continuous duty
- Very well balanced tools for less operator fatigue
- High power to weight ratio
- See pages 8 and 9 for accessories
- See grinding wheels on page 40, abrasive discs on page 41

Cat. No.	No Load Spindle Speed	Size Inches	Type Tool	Spindle Thread	Amps.	Volts	Guard No.	Wheel No.	Net Wt. Tool Only Lbs.-Oz.	Overall Length Inches	Max. H.P.
1240	11,000	4-1/2	Grinder	10x1.25	5	115	2340	2004	4-5	11	.4
● 1245	10,000	5	Grinder	5/8-11	6	115	2345	2005	5-4	13.75	.5
○ 1267DI	4500	7 or 9	Sander	5/8-11	12	115	—	—	11	17.2	2
■ 1274A	5,000	7 or 9	Sander	5/8-11	15	115	—	—	12	16.4	2
1275A	7,000 Max.	7	Grinder	5/8-11	15	115	2348	—	12	16.4	2
1276A	6,000	7 or 9	Sander	5/8-11	15	115	—	—	12	16.4	2
□ 1277A	6,000 Max.	7	Grinder	5/8-11	15	115	2348	—	12	16.4	2
1279A	6,000 Max.	9	Grinder	5/8-11	15	115	2349	—	12	16.4	2

No. 2004—4-1/2" Depressed Center Grinding Wheel - 24 Grit, 7/8" hole, 1/4" thick.
No. 2005—5" Depressed Center Grinding Wheel - 24 grit, 7/8" hole, 1/4" thick.
No. 1241—2-3/8" Knot Type Wire Brush.
No. 1242—5" Sanding Pad.

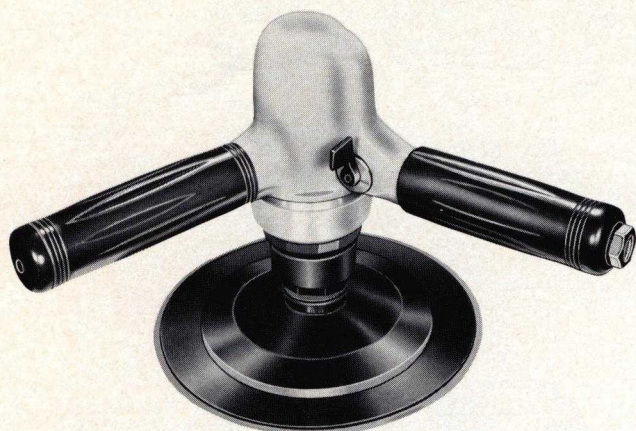
Use guard No. 2348 when using No. 1276A as a 7" grinder. **DO NOT USE** No. 1276A as a 9" grinder.

WARNING: TOOL SPEED MUST NOT EXCEED SPEED PRINTED ON WHEEL.
—USE RECOMMENDED GUARD—
FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH FROM EXPLODING WHEELS. REFER TO A.N.S.I. B7.1 AND INSTRUCTION MANUAL.
ALWAYS WEAR EYE PROTECTION.



Air Grinders and Sanders—1 HP Cut-Off Tool

- Ball and needle bearing construction
- Lever-lock optional on vertical models—suffix LK
- Available with remote exhaust. When ordering suffix P.



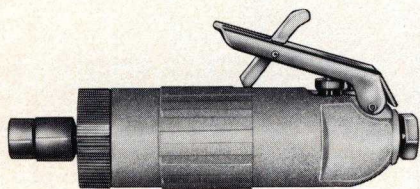
○ No. 1290
Sander



■ No. 1291X
Grinder
With Remote Exhaust

Use No. 510 Holder unless using wheel with
5/8"-11 threaded hub.

ALWAYS USE GUARD



▲ No. 1954HP
Die Grinder



● No. 564
Cut Off Tool

Cat. No.	No Load Spindle Speed	Size Inches	Type	Spindle Thread	Free Speed Max. Air Cons. Cu. Ft.	Full Load Air Cons. Cu. Ft.	Guard or Holder No.	Wheel No.	Net Wt. Tool Only Lbs.-Oz.	Overall Length Inches	H.P.	Hose Size	Options Available
● 564	20,000	3	4	3/8-24	—	4	—	2003	1-12	6-3/4	.33	3/8	—
○ 1290	5,000	7	1	5/8-11	38	30	545	Sander	4-2	7.2	1	3/8	LK, X
■ 1291	5,000	7	2	5/8-11	38	30	2336	704XR24	5	7.2	1	3/8	LK, X
▲ 1954HP	23,000	—	3	3/8-24	27	27	—	Die Grinder	1-6	6-1/2	.8	3/8	—

1—Vertical Sander
2—Vertical Grinder
3—Die Grinder
1/4" SIoux Collet
4—Cut Off Tool

LK—Lever-lock Throttle
X—Remote Exhaust

WARNING: TOOL SPEED MUST NOT EXCEED MAX. SPEED RATING OF BACK-ING PAD OR GRINDING WHEEL. IF TOOL IS CONVERTED TO A GRINDER, APPROPRIATE GUARD MUST BE ADDED. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH FROM EXPLODING WHEELS. REFER TO A.N.S.I. B7.1 AND INSTRUCTION MANUAL.
ALWAYS WEAR EYE PROTECTION.

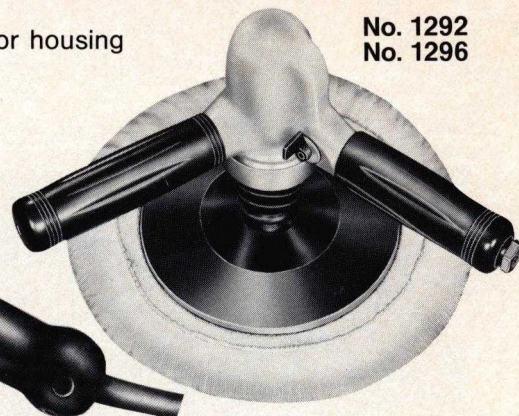


Air and Electric Polishers

NEW



- Rugged aluminum motor housing
- Double insulated



No. 1292
No. 1296

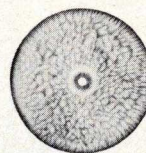
- No. 1200DI—2000 RPM
- No. 1203DI—3000 RPM
- No. 1216DI—1500 RPM

WARNING: TOOL SPEED MUST NOT EXCEED RECOMMENDED SPEED OF POLISHING PAD HOLDER. THIS TOOL IS NOT TO BE USED AS A GRINDER. FOR SAFE OPERATION REFER TO A.N.S.I. B186.1, OR INSTRUCTION MANUAL. ALWAYS WEAR EYE PROTECTION.

Cat. No.	Air or Electric	Pad Size	R.P.M. No Load	Spindle Thread	Overall Length Ins.	Net Wt. w/Pad & Holder Lbs.-Oz.	H.P.	Hose Conn.	Hose Size	Air Consumption		Electric Specs.	
										Free Speed CFM	Full Load CFM	Volts	Amps
1200DI	Electric	8	2000	5/8"-11	16-3/16	10-14	1.5	—	—	—	—	115	10
1203DI	Electric	8	3000	5/8"-11	16-3/8	10-14	1.5	—	—	—	—	115	10
1216DI	Electric	8	1500	5/8"-11	16-3/16	11	.75	—	—	—	—	115	6.5
1292	Air	8	3000	5/8"-11	7-1/8	4-2	1	1/4"	3/8"	38	30	—	—
1296	Air	8	1800	5/8"-11	7-1/8	4-2	1	1/4"	3/8"	38	30	—	—

Accessories for Air & Electric Polishers w/5/8"-11 Thread

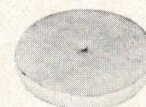
	Cat. No.	Description	Used With
POLISHER ACCESSORIES	846C	Rubber Holder w/7/8" Hole—Includes No. 524	1200, 1203
	524A	Retainer—3/8"-16 Thread for 84C Holder	
	524	Retainer—5/8"-11 Thread 11/16" Long	
	843	Tie on Wool Bonnet—Weight 4 oz. (10 Bonnets to a Case)	1292, 1296
	1211	Wool Polishing Pad—4 oz. 7/8" Hole (10 Pads to a Case)	
	1214	Polishing Pad Cleaning Tool	
	1213	Wash Mitt	



No. 1211



No. 846C



No. 843



No. 1214

Hot Air Gun



No. 1400

- Supply Voltage: 120 V AC
- Output: 1400W
- Temperatures: Step 1 - Approx. 450°F
Step 2 - Approx. 1000°F
- Air Volume/minute: 1 - 8.5 CFM
2 - 14.8 CFM
- Heating up time: 50 seconds
- Net Weight: 1¼ lbs.
- Cord Length: 8.3 feet

No. 1401A
Fish Tail Nozzle



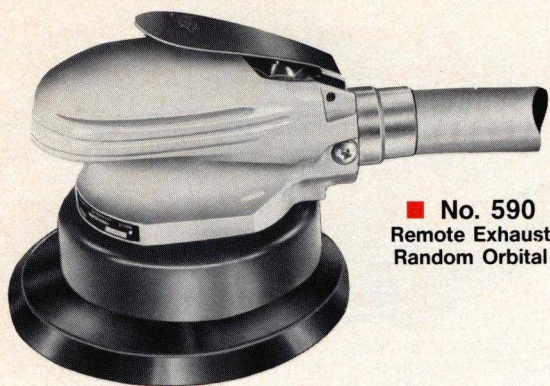
No. 1401B
Deflector Nozzle



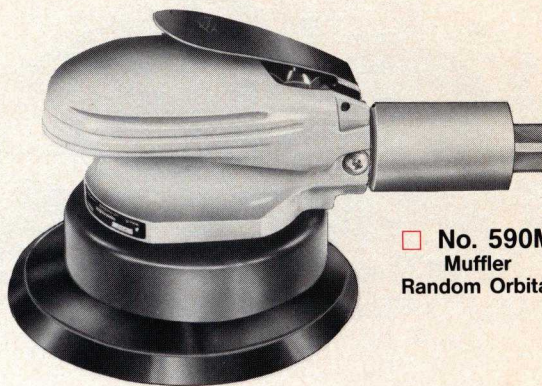
No. 1401C
3/4" Reduction Nozzle



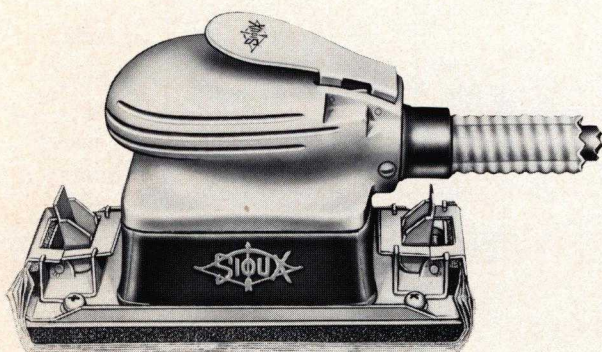
Air Finishing Sanders Orbital Disc



■ No. 590
Remote Exhaust
Random Orbital



□ No. 590M
Muffler
Random Orbital



● No. 502
Random

Pressure Sensitive Adhesive Paper —
Cartons of 100

5" Discs

No. 519P — 240 Grit
No. 520P — 180 Grit
No. 521P — 100 Grit

6" Discs

No. 577P — 240 Grit
No. 578P — 180 Grit
No. 579P — 100 Grit

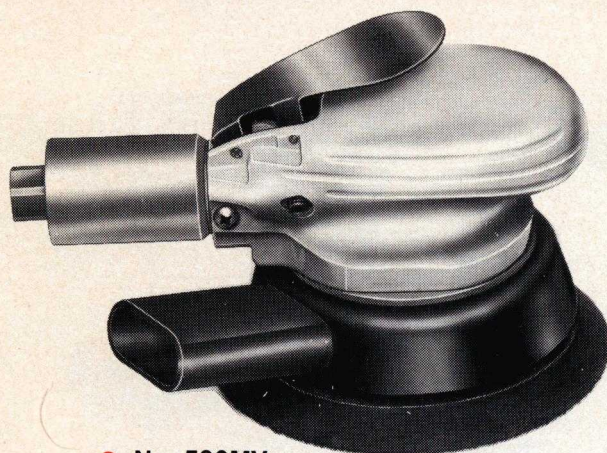


○ No. 558
Random Orbital

See page 10 for accessories

Cat. No.	R.P.M.	Throttle	Paper Size	Spindle Thread	H.P.	Height Inches	Net Wt. Tool Only Lbs.-Oz.	Recommended PSI	Hose Conn.	Hose Size	Avg. Air Consumption CFM	Max. Air Consumption CFM
● 502	9000	Palm	3x8	7/16"x20	.4	4	3-10	60-75	1/4"PT	1/4"	4	12
503	9000	Thumb	5	7/16"x20	.4	4-3/4	3-15	45-60	1/4"PT	1/4"	3-1/4	10
506	9000	Thumb	6	7/16"x20	.4	4-3/4	3-15	45-60	1/4"PT	1/4"	3-1/4	10
○ 558	9000	Lever	5	7/16"x20	.4	4-3/4	3-15	45-60	1/4"PT	1/4"	3-1/4	10
560	9000	Lever	6	7/16"x20	.4	4-3/4	3-15	45-60	1/4"PT	1/4"	3-1/4	10
■ 590	10,000	Palm	5	7/16"x20	.4	4-1/4	2-12	90	1/4"PT	1/4"	5	16
□ 590M	10,000	Palm	5	7/16"x20	.4	4-1/4	2-12	90	1/4"PT	1/4"	5	16
595	10,000	Palm	6	7/16"x20	.4	4-1/4	2-12	90	1/4"PT	1/4"	5	16
595M	10,000	Palm	6	7/16"x20	.4	4-1/4	2-12	90	1/4"PT	1/4"	5	16

Air Finishing Sanders With Vacuum Pickup



● No. 590MV



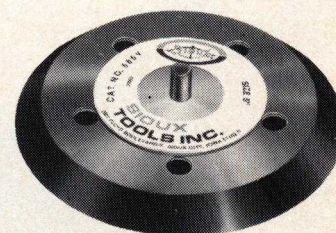
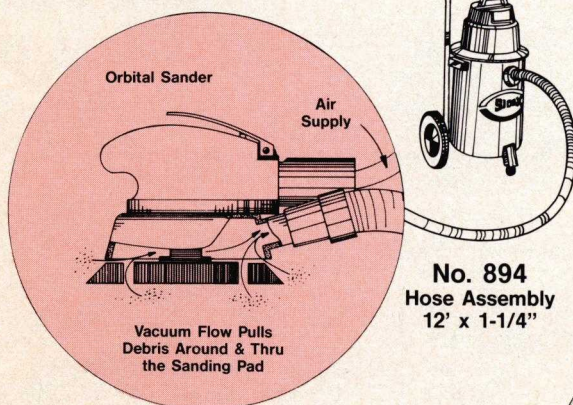
○ No. 558V

See page 10 for accessories

Cat. No.	R.P.M.	Throttle	Paper Size	Height Inches	Net Wt. Tool Only Lbs.-Oz.	PSI	Hose Conn.	Hose Size	Avg. Air Consumption CFM	Max. Air Consumption CFM
503V	9000	Thumb	5	5	3-15	45-60	1/4"PT	1/4"	3-1/4	10
506V	9000	Thumb	6	4-3/4	3-15	45-60	1/4"PT	1/4"	3-1/4	10
558V	9000	Lever	5	5	3-15	45-60	1/4"PT	1/4"	3-1/4	10
560V	9000	Lever	6	4-3/4	3-15	45-60	1/4"PT	1/4"	3-1/4	10
590MV	10,000	Palm	5	4-1/2	2-12	90	1/4"PT	1/4"	5	16
590V	10,000	Palm	5	4-1/2	2-12	90	1/4"PT	1/4"	5	16
595MV	10,000	Palm	6	4-1/4	2-12	90	1/4"PT	1/4"	5	16
595V	10,000	Palm	6	4-1/4	2-12	90	1/4"PT	1/4"	5	16

No. 880A or No. 860A Vacuum System

See Page 42
for Vacuums



No. 585V — 5" PSA vacuum pickup sanding disc backing pad

No. 583V — 6" PSA vacuum pickup sanding disc backing pad

Pressure Sensitive Discs Cartons of 100

5" Discs

No. 519PV — 240 Grit with vacuum pickup holes

No. 520PV — 180 Grit with vacuum pickup holes

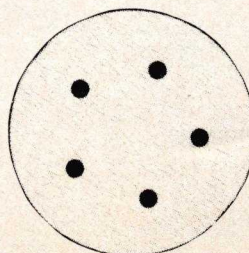
No. 521PV — 100 Grit with vacuum pickup holes

6" Discs

No. 577PV — 240 Grit with vacuum pickup holes

No. 578PV — 180 Grit with vacuum pickup holes

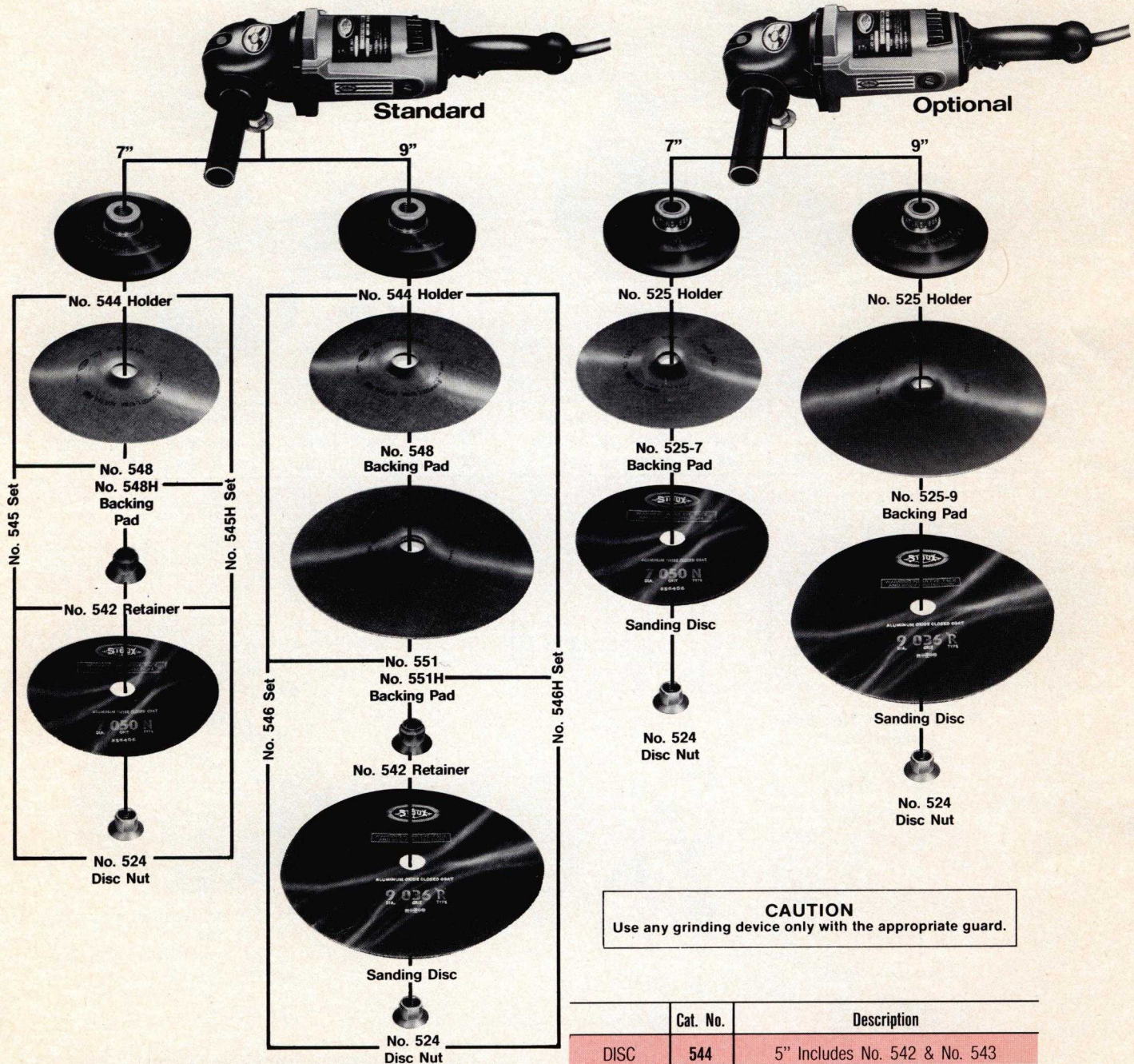
No. 579PV — 100 Grit with vacuum pickup holes





Air & Electric Sander Accessories

5/8"-11 Thread Accessories



Preferred Sets for 5/8"-11 Thread Spindle Sanders

	Cat. No.	Description	Used With
SETS	545	7" Std. Duty— Includes No. 544 & No. 548	1274, 1276, 1287, 1287L, 1290
	545H	7" H.D.— Includes No. 544 & No. 548H	
	546	7" & 9" Std. Duty— No. 548 & No. 551	1274, 1276
	546H	9" H.D.— Includes No. 544 & No. 551H	

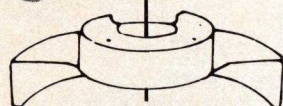
	Cat. No.	Description
DISC HOLDERS	544	5" Includes No. 542 & No. 543
	525	5" Includes No. 524
	548	7" Std. 15/16" Hole used with No. 544
	548H	7" H.D. 15/16" Hole used with No. 544
BACKING PADS	525-7	7" Std. Duty 7/8" Hole used with No. 525
	525-9	9" Std. Duty 7/8" Hole used with No. 525
	551	9" Std. Duty 15/16" Hole used with No. 544
	551H	9" H.D. 15/16" Hole used with No. 544
RETAINER & DISC NUTS	542	used with No. 544
	543	5/8"-11 used with No. 544
	524	5/8"-11 used with No. 525
	524A	3/8"-16 used with No. 525

Air & Electric Sander & Grinder Accessories



5/8"-11 Thread Accessories Accessories for 7" & 9" Air & Electric Grinders with 5/8"-11 Threaded Spindle

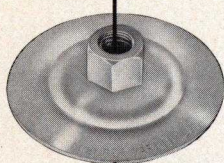
	Cat. No.	Description	Used With
FLANGE SET	510	Depressed Center Flange Adaptor Set	All 5/8"-11 Thread Dep. Cen. Grinders
	25894	Spacing Washers (as required)	No. 510 Adaptor
	512	Flange Nut	No. 510 Adaptor
	30110	3/8" Allen Wrench	No. 510 Flange Nut



Use proper depressed Center Wheel Guard



No. 25894 - Washers



No. 510
Flange Adaptor



Depressed Center
Grinding Wheel-7/8" Hole

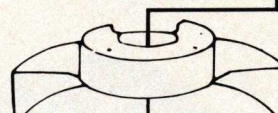


No. 512 - Flange Nut

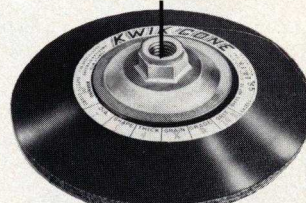


No. 30110 - Allen Wrench

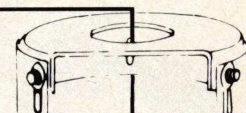
No. 510 Flange Set



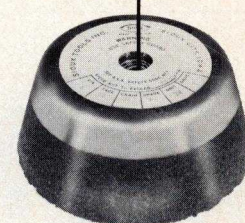
Use proper depressed Center Wheel Guard



Depressed Center
Grinding Wheel
w/5/8"-11 Thread



Use proper cup
Grinding Wheel Guard



Cup Grinding Wheel
w/5/8"-11 Thread

Guards for Air & Electric Grinders

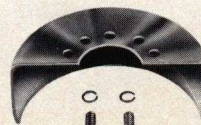
	Cat. No.	Description	Size Ins.	Used On
AIR & ELECTRIC GRINDER GUARDS	2309	1	3	L1960
	2310	2	2	L1970
	2311	2	3	508, 509, 511
	2314	2	6	517
	2315	2	8	541
	2316	1	9	V Series—up to Serial "G"
	63162	1	9	V Series—Serial "G" and up
	2317	1	7	V Series—up to Serial "G"
	63161	1	7	V Series—Serial "G" and up
	2321	1	7	1285, 1285L
	2322	3	6	505, 532*
	2325	1	7	1265, 1267, 1275, 1277
	2326	1	7	505, 532*
	2327	1	9	505, 532*
	2328	1	9	1250, 1252, 1279
	2329	3	6	V Series—up to Serial "G"
	63160	3	6	V Series—Serial "G" and up
	2336	1	7	1291
	2337	1	4	1293
	2338	1	3	1294
	2340	1	4-1/2	1240
	2345	1	5	1245
	2346	1	3	1966
	2347	1	4	1967
	2348	1	7	1275A, 1277A
	2349	1	9	1279A

*Use No. 12258 Adaptor for No. 532 Grinder.

1—For Depressed Center Grinding Wheels
2—For Straight Grinding Wheels
3—For Cup Grinding Wheels



No. 2311



No. 2346



No. 2337



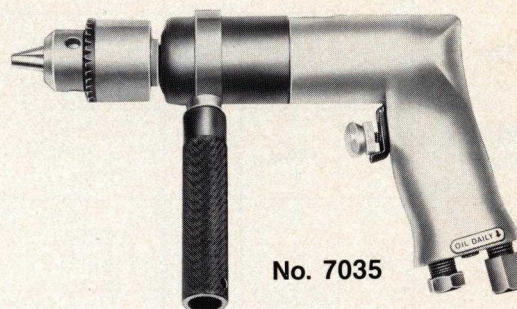
Air Sander, Drills

Imported tools distributed by SIOUX Tools



No. 7030

No. 7030—3/8" capacity heavy duty drill, 2200 RPM.



No. 7035

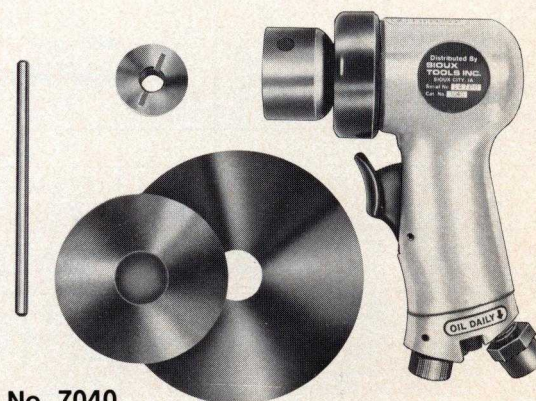
No. 7035—1/2" capacity heavy duty drill with auxiliary handle. 500 RPM.

Two quality air drills. Choose the 3/8" capacity, 2200 RPM drill, or the 1/2" capacity, 500 RPM. Non-reversible. Excellent balance and touch control for less operator fatigue—more productivity. Tools designed with the operator in mind. Auxiliary handle is standard on the No. 7035.

Cat. No.	Handle	Chuck Size Ins.	Spindle Thread Size	R.P.M.	Max. Power H.P.	Hose Conn. Ins.	Length Ins.	Side to Center Ins.	Net Wt. Tool Only Lbs.
7030	Pistol	3/8	3/8"-24	2200	.4	1/4	6.4	7/8	2
7035	Pistol	1/2	3/8"-24	500	.4	1/4	10	7/8	3.75

HIGH SPEED SANDER

No. 7040—A 5" capacity, high speed disc sander rated at 20,000 RPM. Weighing only slightly more than two pounds, the motor develops .4 HP. Complete with 1-3" backing pad, 1-5" backing pad, retainer nut and locking pin.



No. 7040

Cat. No.	Type	Spindle Thread	Overall Length Ins.	Net Weight Lbs.-Oz.	Power H.P.
7040	Right Angle	7/16"-20	4-3/16	2-6	.4



Mounted Wheels and Collet Chucks

	Catalog Number	Shape	Size	Specs
	2901	A5-D2	3/4 x 1-1/8	A60PV40 Max. R.P.M. 33,750*
	2902	A11-D2	7/8 x 2	A60PV40 Max. R.P.M. 15,100*
	2903	A37-D2	1-1/4 x 1/4	A80RV40 Max. R.P.M. 30,560*
	2904	A38-D2	1 x 1	A60PV40 Max. R.P.M. 26,250*
	2905	A39-D2	3/4 x 3/4	A60PV40 Max. R.P.M. 35,250*
	2906	W185-D2	1/2 x 1/2	A60PV40 Max. R.P.M. 22,500*
	2907	W177-D2	3/8 x 3/4	A60PV40 Max. R.P.M. 23,250*

D2—Mandrel Size—1/4"
*With up to 1" Overhang

All wheels are a soft bonded vitrified Aluminum Oxide



Mounted Wheel Sets

No. 2900—Contains one each of the following in a 5-1/2" by 7-5/8" plastic box: 2901, 2902, 2903, 2904, 2905.

No. 2910—Contains one each of the following in a 3-1/2" by 5-1/4" plastic box: 2901, 2904, 2905, 2906, 2907.

Collet Chucks

For Nos. 1947, 1948, 1949, 1950, 1953HP, 1954HP, 2L1940, 1962, 1963, 1964 Die Grinders

	Erickson Collet Chuck			SIoux Collet Chuck			Used On						
							Up to Ser. "C" 1985	Up to Ser. "C" 1985A	Up to Ser. "C" 1980 1982	Up to Ser. "C" 1981 1983	Ser. "C" & Up 1985 1980A	Ser. "C" & Up 1980 1982 1985A	Ser. "C" & Up 1981 1983
	1/8"	3/16"	1/4"	1/8"	3/16"	1/4"	1/4"	3/8"	3/8"	1/2"	1/4"	3/8"	1/2"
Thread Size *	3/8"-24 5/16"-24	3/8"-24 5/16"-24	3/8"-24 5/16"-24	3/8"-24 5/16"-24	3/8"-24 5/16"-24	3/8"-24 5/16"-24	—	—	—	—	3/8"-24	3/8"-24	3/8"-24
Complete Chuck *	43346 43349	43347 43350	43348 43351	43342 43345	43341 43344	43340 43343	53526	53480	53912	53524	63260	63261	63262
Collet	21102	21101	21100	44522	44523	44440	21110	21111	21125	21124	21126	21125	21124
Collet Body *	21103 21106	21103 21106	21103 21106	21096 21098	21096 21098	21096 21098	21118	21118	21122	21122	21135	21135	21135
Collet Nut	21104	21104	21104	21097	21097	21097	21119	21119	21123	21123	21123	21123	21123
Collet Nose Piece	21105	21105	21105	—	—	—	—	—	—	—	—	—	—

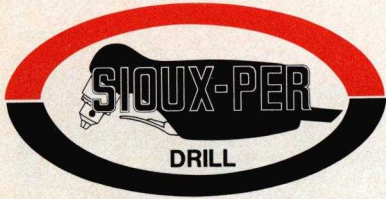
* Shaded lines are for 5/16"-24 thread.

* Unshaded lines are for 3/8"-24 thread.

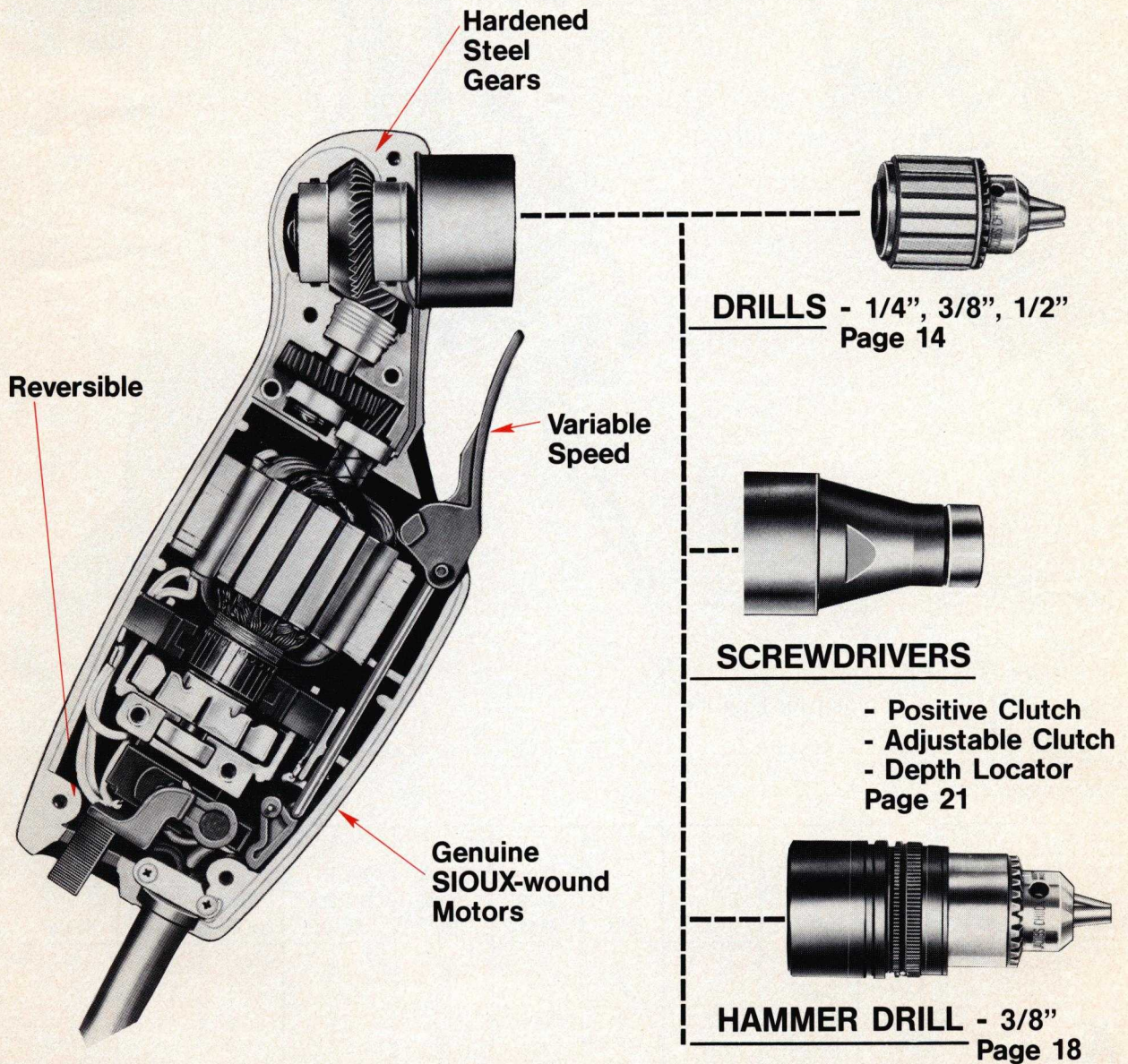
SIoux Nos. 1949, 1950 have 5/16"-24 threads.

SIoux Nos. 1954HP, 2L1940, 1962, 1963, 1964 have 3/8"-24 threads.

Precision Quality Electric Drills



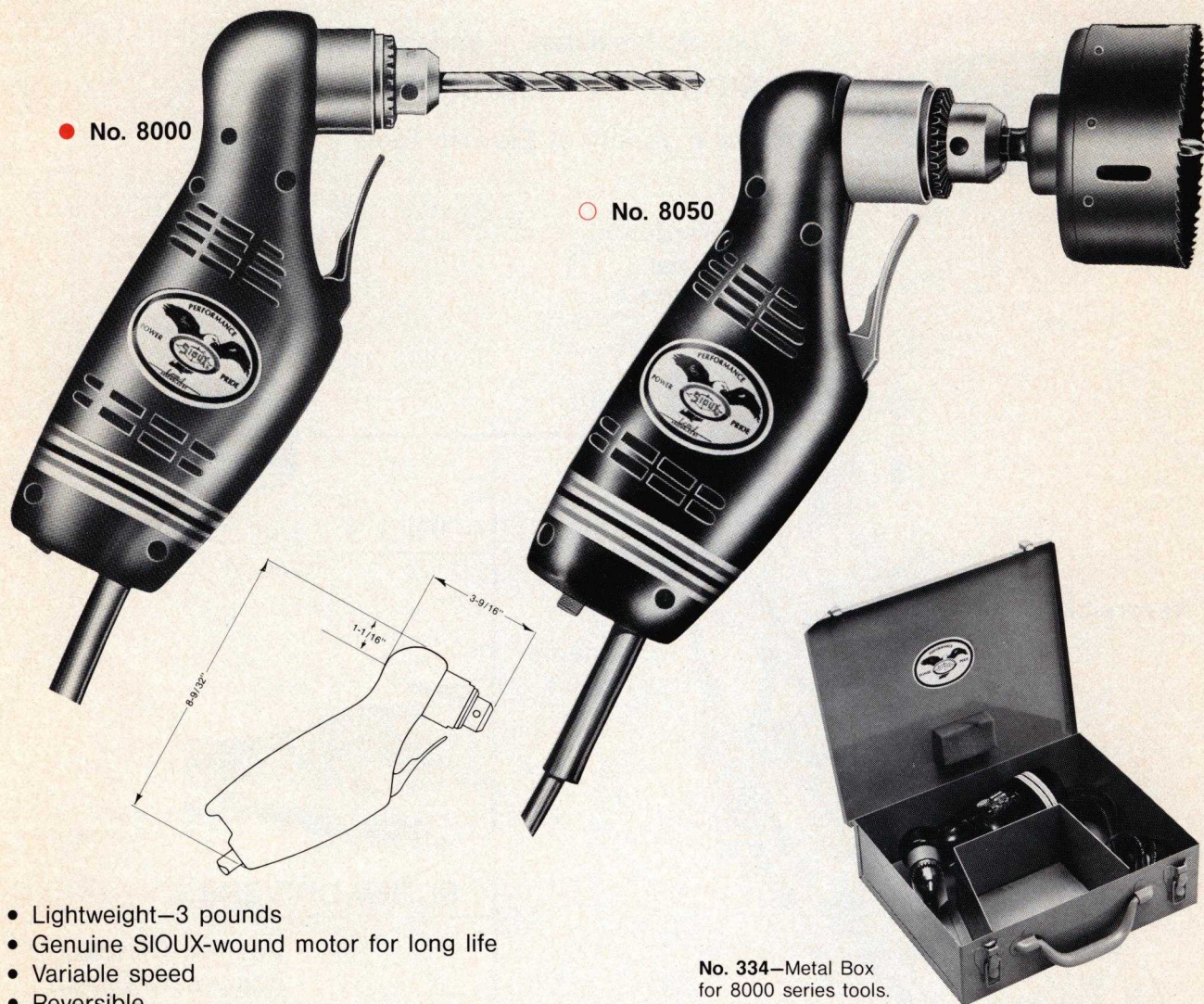
- Double Insulated • Variable Speed
- SIoux-PER Power Source
- For a Variety of Electric Tools



- Shaped to Fit Every Application



8000 Series 1/4" - 3/8" - 1/2" Electric Drills Double Insulated, Heavy Duty



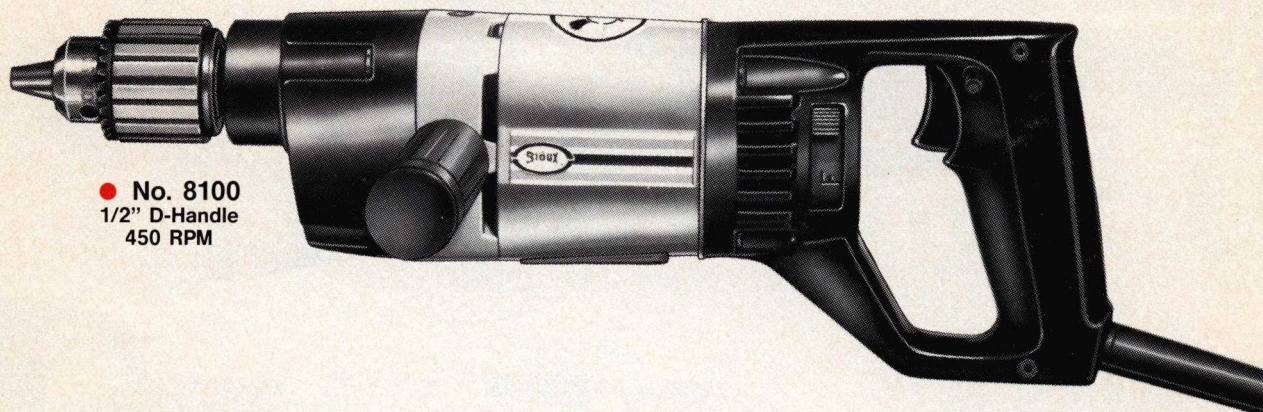
- Lightweight—3 pounds
- Genuine SIOUX-wound motor for long life
- Variable speed
- Reversible
- Double insulated

No. 334—Metal Box
for 8000 series tools.

Handle	Chuck Size	R.P.M. No Load	Cat. No.	Side To Center Ins.	Volts	Load Speed Amps	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	Max. H.P.	Maximum Capacity	
										In Steel	In Hdwod
<div>●</div> <div>○</div> <div>Angle</div>	3/8"	0-1300	8000	1	115	3.5	10	3-8	.375	3/8"	1"
	3/8"	0-1300	8000G	1	115	3.5	10	3-8	.375	3/8"	1"
	3/8"	0-2500	8005	1	115	3.5	10	3-8	.375	3/8"	1"
	3/8"	0-2500	8005G	1	115	3.5	10	3-8	.375	3/8"	1"
	1/4"	0-1300	8010	1	115	3.5	10	3-8	.375	1/4"	1"
	1/4"	0-1300	8010G	1	115	3.5	10	3-8	.375	1/4"	1"
	1/4"	0-2500	8015	1	115	3.5	10	3-8	.375	1/4"	1"
	1/4"	0-2500	8015G	1	115	3.5	10	3-8	.375	1/4"	1"
	1/2"	0-750	8050	1	115	3.5	10	3-8	.375	1/2"	1"
	1/2"	0-750	8050G	1	115	3.5	10	3-8	.375	1/2"	1"

All drills are available in 230 volt—Suffix J.
Suffix G indicates grounding cord and plug.

3/8" - 1/2" Electric Drills Double Insulated, Heavy Duty, Reversible



● No. 8100
1/2" D-Handle
450 RPM



○ No. 8040
3/8" D-Handle
1000 RPM



No. 2360
Angle Attachment

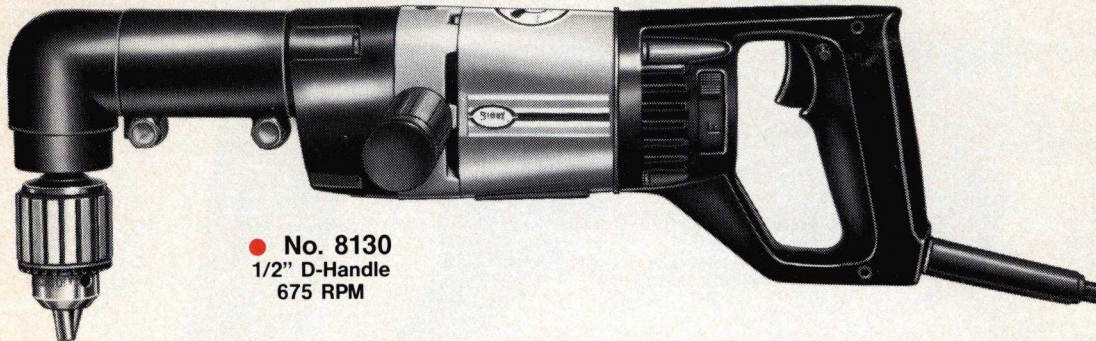
- Powerful 5 amp universal motor—AC/DC
- 3-Position side handle for maximum control

Right Angle Drill Attachment. 3:2 gear ratio. Can be used as an increaser or reducer. (Will not fit the No. 8040 drill.)

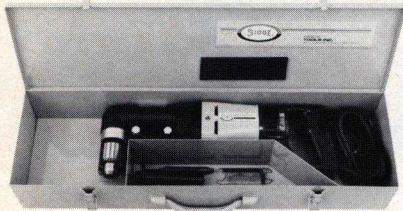
Handle	Chuck Size	R.P.M. No Load	Cat. No.	Side To Center Ins.	Torque In. Lbs.	Volts	Load Speed Amps	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	Max. H.P.	Maximum Capacity	
											In Steel	In Hdwood
D	3/8"	1000	8040	1-3/4	170	115	5	14-1/2	6-14	.5	3/8"	1-1/4" ○
D	1/2"	450	8100	1-3/4	170	115	5	15-1/8	7-6	.5	1/2"	1-1/2" ●



1/2" Electric Drills Double Insulated, Heavy Duty, Reversible



● No. 8130
1/2" D-Handle
675 RPM



No. 8130K—Angle drill No. 8130 in metal carrying case No. 331.



No. 331—Metal carrying case for Angle drill No. 8130.



○ No. 8110
1/2" Spade Handle
450 RPM

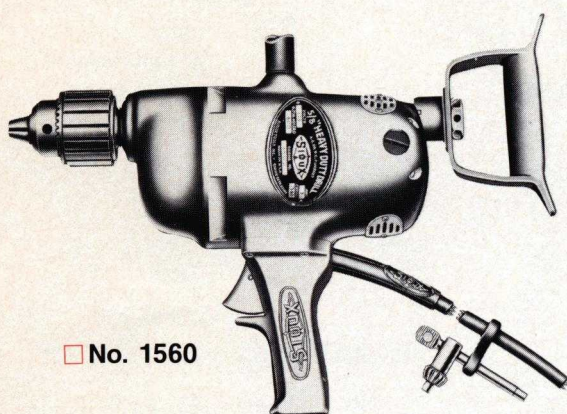


■ No. 8120
1/2" Spade Handle
450 RPM
Standard Duty

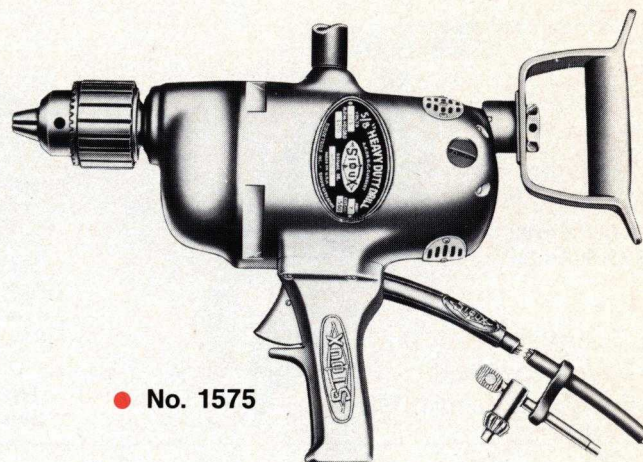
- Powerful 5 amp motor
- 3-Position side handle for maximum control

Handle	Chuck Size	R.P.M. No Load	Cat. No.	Side To Center Ins.	Torque In. Lbs.	Volts	Load Speed Amps	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	Max. H.P.	Maximum Capacity	
											In Steel	In Hdwod
● D	1/2"	300-675	8130	1-3/4	170	115	5	17	10	.5	1/2"	1-1/2"
○ Spade	1/2"	450	8110	1-3/4	170	115	5	16-4	7-6	.5	1/2"	1-1/2"
■ Spade	1/2"	450	8120	1-3/4	170	115	5	15-12	7-2	.5	1/2"	1-1/2"

5/8", 3/4" and 1" Electric Drills SIOUX-PER Duty

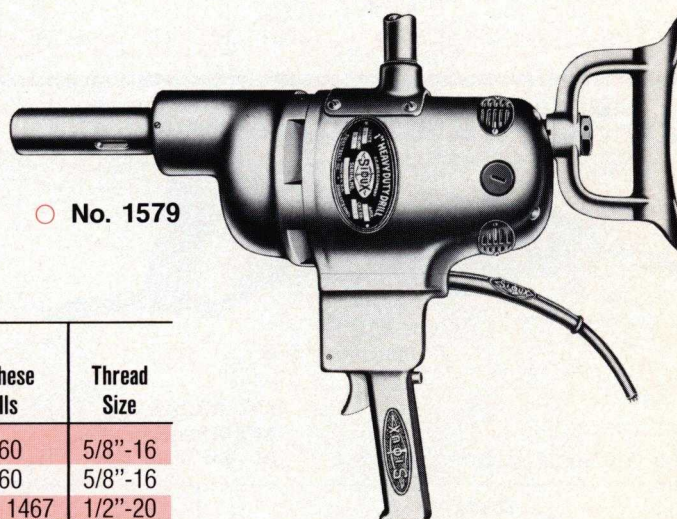


□ No. 1560



● No. 1575

- Ball bearings
- Universal motors—AC-DC
- Genuine SIOUX-wound motors for long life



○ No. 1579

Morse Taper Sockets for Taper Shank Drills

Cat. No.	Morse Taper No.	Bit Size	Use With These SIOUX Drills	Thread Size
1581	1	1/2"-5/8"	1550, 1560	5/8"-16
1582	2	1/2"-5/8"	1550, 1560	5/8"-16
1582SP	2	1/2"-5/8"	1465, 1466, 1467	1/2"-20
1582A	2	3/4"-7/8"-1"	1575, 1578, 1579	3/4"-16
1583	3	3/4"-7/8"-1"	1575, 1578, 1579	3/4"-16
1582B	2 to 1	Reducing Sleeve		
1583A	3 to 2	Reducing Sleeve		
1582D	2	Drift Key		
1583D	3	Drift Key		

- All drills on this page are available as reversible—Suffix R.

Handle	Chuck Size	R.P.M. No Load	Cat. No.	Side To Center Ins.	Torque In. Lbs.	Volts	Load Speed Amps	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	Max. H.P.	Maximum Capacity	
											In Steel	In Hdwod
Spade	5/8"	415	1560	2-7/16	350	115	10	17	18-4	.9	5/8"	1-1/4" □
	3/4"	450	1575	3	560	115	10	21	27-4	1-1/8	3/4"	1-1/2" ●
	#3	400	1579	3	600	115	10	22-3/4	27-5	1-1/8	1"	2" ○
	Morse Taper											

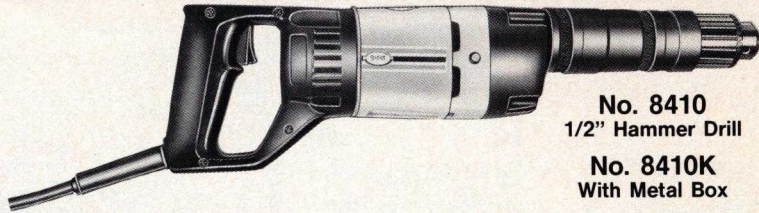


Double Insulated 3/8" - 1/2" Hammer Drills

No. 8400
3/8" Hammer Drill

No. 8400K
With Metal Box

- Reversible Heavy Duty
- Double Insulated
- Full Ball & Needle Bearing



No. 8410
1/2" Hammer Drill

No. 8410K
With Metal Box



No. 334
Box for 8400



No. 331—Metal Box for 8410

Handle	R.P.M. No Load	Chuck Size	Cat. No.	Impacts Per Minute	Side To Center Ins.	Spindle Thread	Voltage	Amps	Overall Length Ins.	Net Wt. Tool Only Lbs.-Oz.	H.P.
All Angle	1300	3/8"	8400	26,000	1	3/8"-24	115V	3.4	10-3/4	4-10	.4
All Angle	1300	3/8"	8400G	26,000	1	3/8"-24	115V	3.4	10-3/4	4-10	.4
D Handle	1500	1/2"	8410	6,000	1-5/8	1/2"-20	115V	5	19	9-12	5

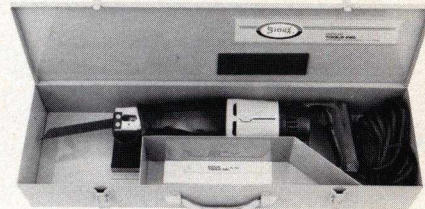
Sioux-Per Saw Double Insulated



No. 8300
Reciprocating Saw

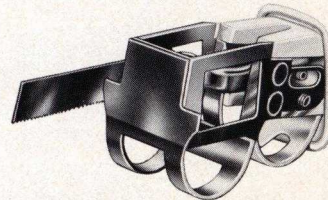
- Heavy Duty
- Double Insulated
- Full Ball & Needle Bearing

No. 8300K
SIoux-Per Saw with
No. 331 Metal Box



**No. 8300K—No. 8300 Saw in
Metal Carrying Case.**

Cat. No.	Stroke	Strokes Per Min.	Amps	Volts	Length Ins.	Weight Lbs.
8300	5/8"	0-2500	5	115	17-1/8	7



**No. 8305—Flush Cutting
Attachment available.**

Blades

	Cat. No.	Length Ins.	Teeth Per Inch	Cutting Recommendations
	1815	6	10	Metals, hard rubber, fiber over 1/4" thick
	1810	6	14	Metals over 1/8" thick
	1813	4	14	Metals 1/8" thick or less
	1811	6	18	Metals 1/8" thick or less
	1812	4	18	Metals over 1/8" thick
	1814	6	24	Metals lighter than 18 gauge
	1816	6	6	Roughing-in on wood composition
	1817	6	10	and non-ferrous metals
	1818	6	6	Roughing-in
	1819	12	6	Pruning and light to medium sections

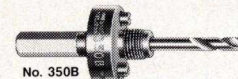
High Speed Steel Hole Saws



- Sizes from 5/8" to 6"
- Depth of cut 1-1/8"
- High speed steel teeth welded to vanadium body

Arbors

Cat. No.	Use with Hole Saw Sizes	Min. Drill Size	Thread Size
351B	5/8"-1-3/16"	1/4"	1/2"-20
352A	5/8"-1-3/16"	1/2"	1/2"-20
353A	1-1/4" up	1/2"	5/8"-18
350B	1-3/4" up	1/2"	5/8"-18
356A	1-1/4"-3"	1/2"	5/8"-18



Pilot Drills

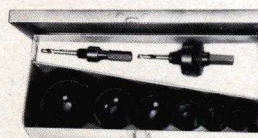
Cat. No.	Size	For Use With These Arbors
355B	1/4"	351B
354	1/4"	350, 350A, 350B, 352, 352A, 353, 353A, 356A

Extensions

Cat. No.	Length	For Use With These Arbors
346	4"	351, 351B
348	6"	350A, 352, 352A, 353, 353A
349	12"	350B

Threaded Bushing

Cat. No.	For Saws	For Use With These Arbors
438	1-1/4" and over	351, 351B

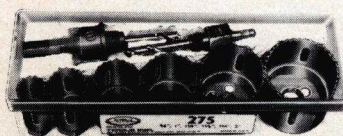


Hole Saws for the Electrician

No. 360—Consists of 1 No. 378; 1 No. 380; 1 No. 382; 1 No. 385; 1 No. 387; and 1 No. 391 SIOUX high speed steel hole saws; No. 352A arbor and a No. 356A arbor.

Hole Saws for the Plumber

No. 365—Consists of 1 No. 378; 1 No. 380; 1 No. 383; 1 No. 385; 1 No. 389; and 1 No. 391 Sioux high speed steel hole saws; a No. 352A arbor and a No. 356A arbor.



No. 275—Consists of 3/4", 1", 1-1/4", 1-1/2", 1-3/4", 2" Hole saws and No. 351B 1/4" Arbor, No. 353A 1/2" Arbor.

Cat. No.	Diameter Ins.	R.P.M.'s					Arbor to Use
		Mild Steel	Tool and Stainless Steels	Cast Iron	Brass	Aluminum	
No. 375	5/8	550	275	365	730	825	*No. 352A
No. 375A	11/16	500	250	330	665	750	*No. 352A
No. 377	3/4	460	230	300	600	690	*No. 352A
No. 377A	13/16	425	210	280	560	635	*No. 352A
No. 378	7/8	390	195	260	520	585	*No. 352A
No. 378A	15/16	370	185	245	495	555	*No. 352A
No. 379	1	350	175	235	470	525	*No. 352A
No. 379A	1-1/16	325	160	215	435	480	*No. 352A
No. 380	1-1/8	300	150	200	400	450	*No. 352A
No. 380A	1-3/16	285	145	190	380	425	*No. 352A
No. 381	1-1/4	275	140	180	360	410	No. 353A
No. 381A	1-5/16	260	130	170	345	390	No. 353A
No. 382	1-3/8	250	125	165	330	375	No. 353A
No. 382A	1-7/16	240	120	160	315	360	No. 353A
No. 383	1-1/2	230	115	150	300	345	No. 353A
No. 383A	1-9/16	220	110	145	290	330	No. 353A
No. 384	1-5/8	210	105	140	280	315	No. 353A
No. 384A	1-11/16	200	100	135	270	305	No. 353A
No. 385	1-3/4	195	95	130	260	295	No. 353A
No. 385A	1-13/16	185	90	125	250	280	No. 353A
No. 386	1-7/8	180	90	120	240	270	No. 353A
No. 387	2	170	85	115	230	255	No. 353A
No. 410	2-1/16	165	80	110	220	245	No. 353A
No. 388	2-1/8	160	80	105	210	240	No. 353A
No. 389	2-1/4	150	75	100	200	225	No. 353A
No. 389A	2-5/16	145	70	95	195	220	No. 353A
No. 390	2-3/8	140	70	95	190	220	No. 353A
No. 391	2-1/2	135	65	90	180	205	No. 353A
No. 412	2-9/16	130	65	85	175	200	No. 353A
No. 392	2-5/8	130	65	85	170	195	No. 353A
No. 393	2-3/4	125	60	80	160	185	No. 353A
No. 394	2-7/8	120	60	80	160	180	No. 353A
No. 395	3	115	55	75	150	170	No. 353A
No. 396	3-1/8	110	55	70	140	165	No. 353A
No. 397	3-1/4	105	50	70	140	155	No. 353A
No. 398	3-3/8	100	50	65	130	150	No. 353A
No. 402	3-1/2	95	45	65	130	145	No. 350B
No. 403	3-5/8	95	45	60	120	140	No. 350B
No. 404	3-3/4	90	45	60	120	135	No. 350B
No. 405	3-7/8	90	45	60	120	135	No. 350B
No. 415	4	85	40	55	110	130	No. 350B
No. 417	4-1/8	80	40	55	110	120	No. 350B
No. 418	4-1/4	80	40	55	110	120	No. 350B
No. 411	4-3/8	80	40	50	100	120	No. 350B
No. 413	4-1/2	75	35	50	100	105	No. 350B
No. 414	4-9/16	75	35	50	100	105	No. 350B
No. 431	4-5/8	70	35	45	95	95	No. 350B
No. 416	4-3/4	70	35	45	95	95	No. 350B
No. 433	5	65	30	45	90	90	No. 350B
No. 435	5-1/2	60	25	40	85	85	No. 350B
No. 437	6	55	25	35	75	75	No. 350B

*Use 351B Arbor for 1/4" Electric Drills where 352A Arbor is shown.



Drill Accessories

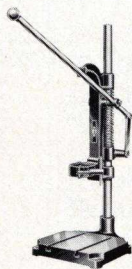
Drill Chucks and Keys—Specify Drill No. and Serial No.

Chuck Capacity	Thread Size	SIoux Catalog Number	SIoux Key Number	Jacobs Number	Jacobs Key Number	Rubber Key Holder Number	Used On
0-5/32"	Tapered	43881	30631	0	K0	14272	#1 Series
0-1/4"	3/8"-24	21000	30000	7B	K7	14272	1450HP, 1452HP, 1453HP, 1456HP, 1472, 1473, 1474, 1480, 1485, 1495, Serial 3261 Up, S Series
0-1/4"	3/8"-24	21019	30202	1B	K1	14272	1495 Up to Serial 3260, 1476
0-1/4"	3/8"-24	21079	30262	MC1G61	KG	14272	1475
0-1/4"	3/8"-24	21077	30000	—	K7	14272	8010, 8015, P, L, S Series, 2-1/2 Series
0-1/4"	3/8"-24	21121	—	—	—	—	1445
0-5/16"	1/2"-20	21003	30002	30B	K30	14272	1519
0-5/16"	3/8"-24	21084	30002	—	K30	14272	P, L, S Series
0-3/8"	1/2"-20	21002	30011	32B	K32	14273	1517, 1541, #3 Series, 1465
0-3/8"	3/8"-24	21085	30231	2B	K2	14273	1477, 1478, 1479
0-3/8"	3/8"-24	21082	30231	—	K2	14273	P, L Series
0-3/8"	3/8"-24	21116	30002	31BA	K30	14272	#2, #3 Series, 8000, 8005
1/16"-3/8"	3/8"-24	21116	30002	31BA	K30	14272	8000, 8005
1/16"-3/8"	1/2"-20	21131	30002	31BA	K30	—	1481, 2-1/2 Series
1/16"-3/8"	3/8"-24	21133	30002	—	K30	14273	2-1/2 Series, 1449HP, 1451HP, 1454HP, 1455HP, 8040
0-1/2"	5/8"-16	21014	30020	34B	K3	14273	1550
5/64"-1/2"	1/2"-20	21004	30011	33B	K32	14273	1498, 1510, 1548, 1466, 1467, #3 Series
5/64"-1/2"	3/8"-24	21132	30429	SM8K61	KK	—	8050
5/64"-1/2"	1/2"-20	21137	30011	33BA	K32	14273	2-1/2 Series, 8100, 8130
1/8"-5/8"	5/8"-16	21015	30020	3B	K3	14273	1560
3/16"-3/4"	3/4"-16	21016	30031	36B	K4	14273	1575

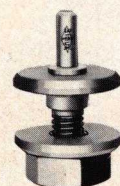
Chucks are provided with RH threads—to loosen, turn left. Insert chuck key in chuck, then with a lead or brass hammer give the key a sharp tap. Preceding applies to non-reversing drills only.

Drill Stands

Cat. No.	Feed Travel	Use With These SIoux Drill Numbers
1555	6"	1550 - Serial 7501 Up 1560 - Serial 5501 Up
1580	6"	1575, 1579



No. 2352—Quick change chuck for 1/4" Hex Shank screw-driver bits and socket adaptors—3/8"-24 thread.



Arbors

Cat. No.	Thread Size	Shank Size	Body Size
49	3/8"-16	1/4"	1/2"
49A	5/8"-11	1/4"	5/8"

SIoux Wire End Brushes



No. 225



No. 231
No. 232



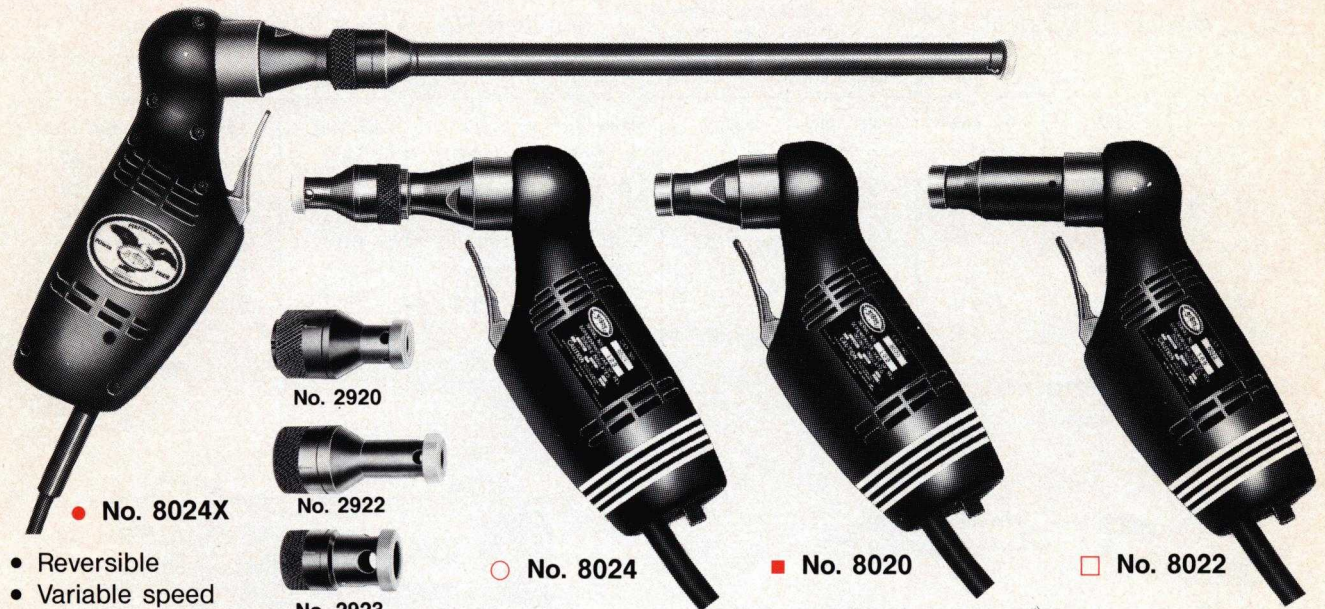
No. 224
No. 226
No. 227
No. 228

- All have 1/4" shanks
- Used with 1/4" electric and air drills
- Available only in lots of 5

No.	Type	Size	Wire Size
*224	Hollow Center	1 x 1"	.008
225	Flared end	1-1/2"	.020
226	Solid wire filled	1 x 1"	.020
227	Solid wire filled	3/4 x 1"	.020
228	Solid wire filled	1/2 x 1"	.020
231	Knot type	1 x 1-1/8"	.014
232	Knot type	1 x 1-1/8"	.020

*Especially suitable for aluminum heads.

8000 Series Electric Screwdrivers



- Reversible
- Variable speed
- Double insulated

Depth Locator

No. 2920—Round Locator, Nose Piece 2-5/16"
No. 2922—Long Round Locator, Nose Piece 3-3/16"
No. 2923—Fastener Locator, Nose Piece 2-7/16"

Cat. No.	No Load Speed R.P.M.	Length A Dim Ins.	Weight Lbs.-Oz.	Voltage	Load Amps.
○ 8024	0-1300	6-11/32	4	115	3.4
8024G	0-1300	6-11/32	4	115	3.4
8024GX	0-1300	18-21/32	5	115	3.4
• 8024X	0-1300	18-21/32	5	115	3.4
8029	0-2500	6-11/32	4	115	3.4
8029G	0-2500	6-11/32	4	115	3.4
8029GX	0-2500	18-21/32	5	115	3.4
8029X	0-2500	18-21/32	5	115	3.4
8064	0-750	6-11/32	4	115	3.4
8064G	0-750	6-11/32	4	115	3.4
8064GX	0-750	18-21/32	5	115	3.4
8064X	0-750	18-21/32	5	115	3.4

Positive Clutch

Cat. No.	No Load Speed R.P.M.	Length A Dim Ins.	Weight Lbs.-Oz.	Voltage	Load Amps.
■ 8020	0-1300	4-11/32	3-8	115	3.4
8020G	0-1300	4-11/32	3-8	115	3.4
8025	0-2500	4-11/32	3-8	115	3.4
8025G	0-2500	4-11/32	3-8	115	3.4
8060	0-750	4-11/32	3-8	115	3.4
8060G	0-750	4-11/32	3-8	115	3.4

All tools are double insulated. Suffix G indicates 3-conductor grounding wire and plug. Example: 8027G.

All tools are available in 230 volt. Suffix tool number with J. Example: 8025J.

Positive Type A Clutch

Cat. No.	No Load Speed R.P.M.	Length A Dim Ins.	Weight Lbs.-Oz.	Voltage	Load Amps.
8020A	0-1300	4-11/32	3-8	115	3.4
8020AG	0-1300	4-11/32	3-8	115	3.4
8025A	0-2500	4-11/32	3-8	115	3.4
8025AG	0-2500	4-11/32	3-8	115	3.4
8060A	0-750	4-11/32	3-8	115	3.4
8060AG	0-750	4-11/32	3-8	115	3.4

Adjustable Clutch

Cat. No.	No Load Speed R.P.M.	Length A Dim Ins.	Weight Lbs.-Oz.	Voltage	Load Amps.
□ 8022	0-1300	5-29/32	3-13	115	3.4
8022G	0-1300	5-29/32	3-13	115	3.4
8027	0-2500	5-29/32	3-13	115	3.4
8027G	0-2500	5-29/32	3-13	115	3.4
8062	0-750	5-29/32	3-13	115	3.4
8062G	0-750	5-29/32	3-13	115	3.4

Capacity: Wood screws up to No. 12 x 2 inches; self-tapping screws up to 1/4"; lag screws up to No. 12 x 2 inches; machine nuts and screws up to 1/4".



Screwdriver Bits



Slotted Head Bits With Finders

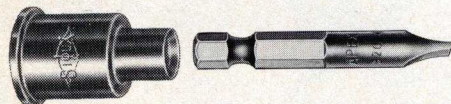
1/4" Hex Drive						7/16" Hex Drive			
	No.	Bit Only	Finder Only	Length	Screw Size	No.	Bit Only	Length	Screw Size
Slotted Head Bits With Finders	2725	2733	2729	3-3/4"	4, 5, 6	2506	2507	3-7/8"	10, 12
	2726	2735	2729	6-3/4"	4, 5, 6	2508	2509	3-7/8"	12, 14
	2727	2737	2744	3-3/4"	7, 8	2510	2511	4-1/8"	14, 16
	2728	2739	2744	6-3/4"	7, 8	2512	2513	4-1/8"	16, 20
	2499	2740	2745	3-3/4"	9, 10	2514	2515	4-1/8"	20, 22
	2730	2741	2746	3-3/4"	12	2516	2517	4-1/8"	24
	2731	2743	2747	3-7/8"	12, 14				

Non-Rotating Finders

Used on the 1, 2-1/2, S, and 8000

Series

Used with 1-15/16" Bits



Finder	Use Bit No.	For Screw Head Type and Size				
		Flat	Oval	Binding	Round	Fillister
2775	2779	1F-2R	1F-2R	1F-2R	1F-2R	1F-2R
2774	2732	2F-3R	2F-3R	2F-3R	2F-3R	2F-3R
2776	2781	3F-4R	3F-4R	3F-4R	3F-4R	3F-4R
2766	2748	4F-5R	4F-5R	4F-5R	4F-5R	4F-5R
2767	2749	5F-6R	5F-6R	5F-6R	5F-6R	5F-6R
2768	2736	6F-7R	6F-7R	6F-7R	6F-7R	6F-7R
2769	2738	8F-10R	8F-10R	8F-10R	8F-10R	8F-10R
2777	2742	10F-12R	10F-12R	10F-12R	10F-12R	10F-12R
2778	2750	12F-14R	12F-14R	12F-14R	12F-14R	12F-14R

Same as above except 3-1/2" Bits

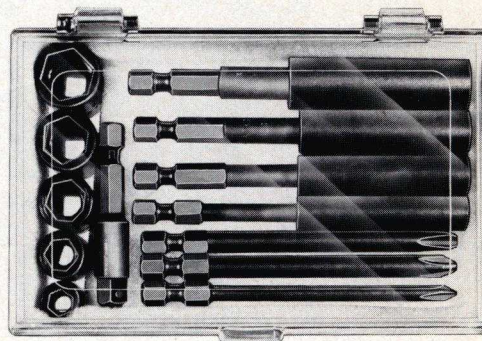
Finder	Use With Bit No.	Flat	Oval	Binding	Round	Fillister
	2784	3F-4R	3F-4R	3F-4R	3F-4R	3F-4R
	2785	4F-5R	4F-5R	4F-5R	4F-5R	4F-5R
2795	2786	5F-6R	5F-6R	5F-6R	5F-6R	5F-6R
2796		6F-7R	6F-7R	6F-7R	6F-7R	6F-7R
2798	2789	10F-12R	10F-12R	10F-12R	10F-12R	10F-12R
2799	2790	12F-14R	12F-14R	12F-14R	12F-14R	12F-14R

Hex Shanks for Screwdrivers

No.	Shank	Square Drive	Length
2758	1/4" Hex	1/4" Male	2" Long
2427	1/4" Hex	1/4" Male	4" Long
2759	1/4" Hex	1/4" Male	6" Long
2757	1/4" Hex	3/8" Male	2" Long
2756	7/16" Hex	3/8" Male	2-3/4" Long
2428	7/16" Hex	1/2" Male	2-3/4" Long
2426	5/8" Hex	1/2" Male	3" Long
2425	5/8" Hex	5/8" Male	3" Long



Bit Set



- **No. 241 Bit Set** packed in transparent plastic box. Consists of:

Slotted Screw Bits	Screw No.
No. 2725	4-5-6
2727	7-8
2499	9-10
2730	12

Phillips Bits	Screw No.
No. 2717	#1, 4
2719	2, 5 to 9
2721	3, 10 to 16

Shank	Length
No. 2758	2"

Hex Sockets	Size
No. 2608	1/4"
2610	5/16"
2612	3/8"
2614	7/16"
2616	1/2"



Screwdriver Bits



1/4" and 5/16" Hex Insert Bit



1/4" and 7/16" Hex Drive

	1/4" Insert Bit			5/16" Insert Bit			1/4" Screwdriver Bit				7/16" Screwdriver Bit			
	No.	Bit Length	Point Size	No.	Bit Length	Point Size	No.	Bit Length	Point Size	Screw Size	No.	Bit Length	Body Dia.	Point Size
 Phillips Head	2547	1"	1	2587	1-1/4"	2	2716	1-15/16"	1	#4—smaller	2522	3-1/2"	1/4"	2
	2548	1"	2	2588	1-1/4"	3	2717	3-1/2"	1	#4—smaller	2523	3-1/2"	5/16"	3
	2549	1"	3	2589	1-1/4"	4	2718	1-15/16"	2	5-9	2524	3-1/2"	3/8"	4
							2719	3-1/2"	2	5-9				
 Slotted Head							2720	1-15/16"	3	10-16				
							2721	3-1/2"	3	10-16				
 Socket Head (Allen hd.)														
 Frearson														
 Clutch Head														
 Torx														
 Robertson Bit														

Insert Bits for Mag. & Non Mag. Holders For 1/4" Hex Bits

No. 2525—Magnetic bit holder
No. 2497—Bushing. Use with No. 2525 holder.

No. 2526—Non-magnetic bit holder.



Torque and Tension Table

This table is to be used only as a guide. The values given are the maximum that should be used.

The torque values are proposed standard torque values for industrial metal fasteners.

The values given are the maximum that should be used, and are 60% to 70% of the lowest failing torque of any of the test group.

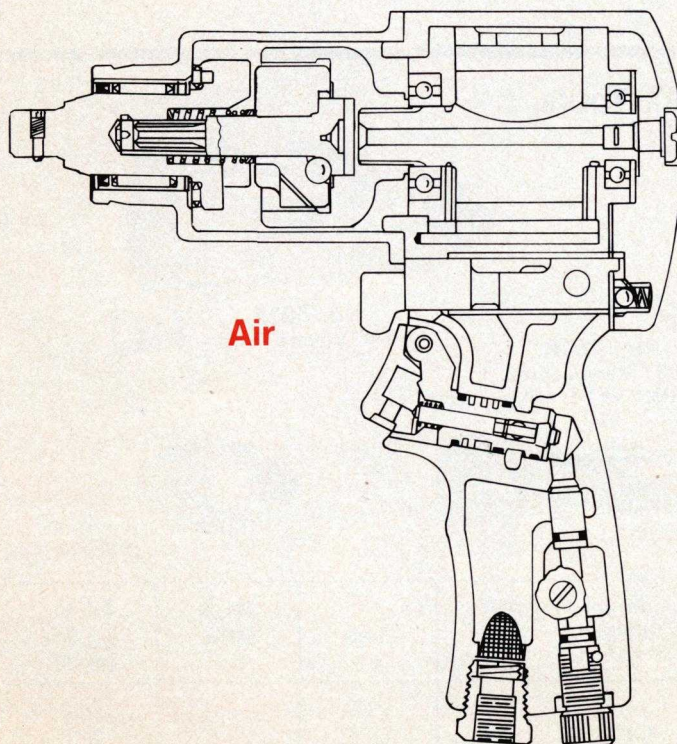
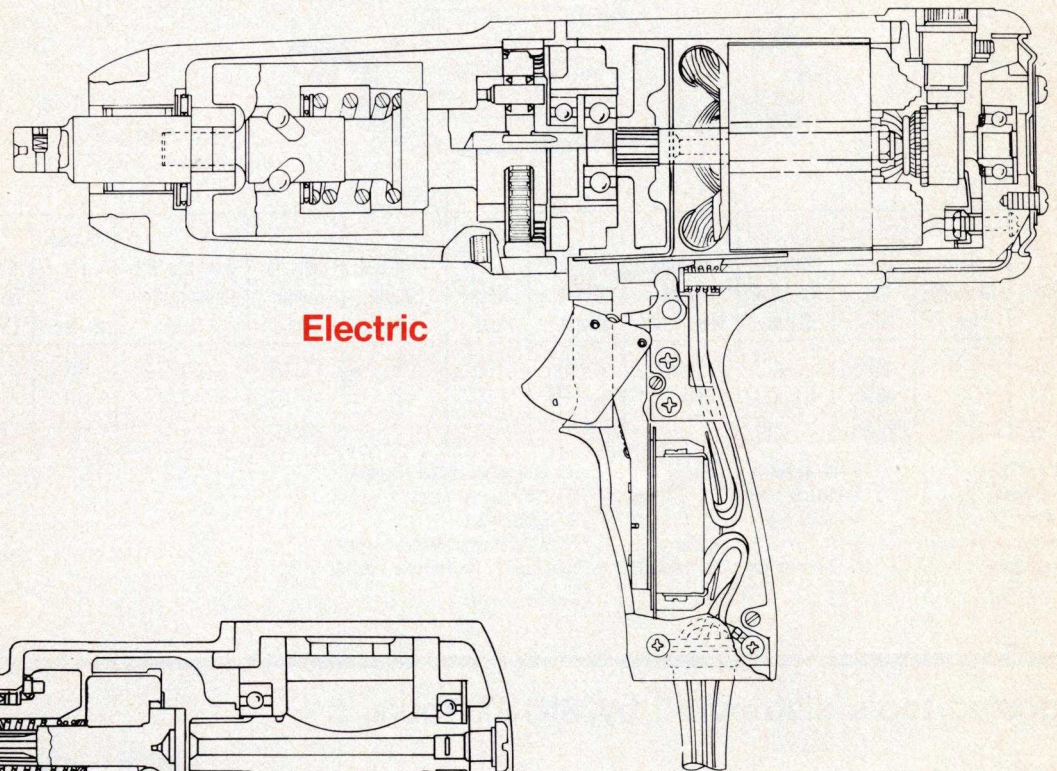
The tension achieved from any torque is directly related to the friction occurring during the fastening process. The greater the friction the less the resulting tension.

Bolt Head	Bolt Grade	Bolt Diameter, Inches		1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8
		Hex Size, Inches	Max.	1/2	19/32	11/16	25/32	7/8	31/32	1-1/16	1-1/4	1-7/16	1-5/8	1-3/16	2	2-3/16
			Min.	3/8	15/32	9/16	21/32	3/4	27/32	15/16	1-1/8	1-5/16	1-1/2	1-11/16	1-7/8	2-1/8
		Torque	ft.-lbs.	6	11	19	30	45	66	93	150	202	300	474	659	884
	Grade 2	Sioux Wrench Recommended			4073	4073	4034	4034	4034	4036	4034	4036	4038	4038	4038	482
		Tension	lbs.	1437	2111	3034	4106	5389	7032	8910	11,976	13,824	17,964	25,230	31,569	38,498
		Torque	ft.-lbs.	9	18	31	50	75	110	150	250	378	583	782	1097	1461
	Grade 5 and Grade BB ASTM-A354	Sioux Wrench Recommended			4073	4073	4034	4034	4034	4036	4036	4038	482	482	4055	4055
		Tension	lbs.	2155	3455	4950	6843	8982	11,720	14,371	19,960	25,868	34,910	41,623	52,551	63,625
		Torque	ft.-lbs.					100	200	355	525	790	1060	1495	1960	
	ASTM-A325	Sioux Wrench Recommended						4034		4036	482	482	482	4055	4055	4055
		Tension	lbs.					11,976		19,162	28,343	35,928	47,305	56,420	71,617	85,357
		Torque	ft.-lbs.	11	20	34	54	81	119	167	269	427	644	1002	1392	1868
	Grade BC ASTM-A354	Sioux Wrench Recommended		4073	4073	4073	4034	4034	4034	4034	482	482	482	482	4055	4055
		Tension	lbs.	2635	3838	5429	7391	9700	12,679	16,000	21,477	29,221	38,563	53,333	66,682	81,350
		Torque	ft.-lbs.	13	28	46	75	115	165	225	370	591	893	1410	1964	2633
	Grade 8 ASTM-A354 Grade BD	Sioux Wrench Recommended		4073	4073	4073	4034	4034	4034	4036	482	482	482	4055	4055	
		Tension	lbs.	3114	5374	7345	10,265	13,772	17,580	21,557	29,541	40,445	53,473	75,050	94,083	114,665
		Torque	ft.-lbs.		55	90	138	198	270	444	709	1071	1692	2360	3159	
	ASTM-A490	Sioux Wrench Recommended														
		Tension	lbs.													
		Tension	lbs.													



Impact Wrenches

- More speed—1350 impacts under maximum load
- More power—by 10%
- More endurance—tough impact mechanism
- Light weight—easy to handle
- Lower air consumption—for energy conservation
- Reversible
- Quiet—noise level under 90 dB when impacting for maximum load





Impact Wrenches 3/8" square drive



● No. 4090
3/8" Square Drive



○ No. 4093
3/8" Square Drive



■ No. 4073
3/8" Square Drive

Drive Ins.	Bolt Capacity Ins.	Cat. No.	Speed No Load R.P.M.	Impacts Load Max. Load	Hose Conn.	Hose Size	Length Ins.	Side To Center Ins.	Average Air Consumption CFM	Torque Ft. Lbs. 5 Sec.	Net Wt. Tool Only Lbs. Oz.	See Foot Notes
3/8 Sq.	3/8	4073	10,000	1600	1/4"PT	5/16"	5	13/16	2-1/2	60	3	1, 10 ■
3/8 Sq.	3/8	4090	10,000	1600	1/4"PT	5/16"	7	15/16	2-1/2	60	2-8	2, 4, 10 ●
3/8 Sq.	3/8	4093	10,000	1600	1/4"PT	5/16"	7	15/16	2-1/2	60	2-8	2, 10 ○

- 1—Pistol grip
- 2—Lever handle
- 3—D-handle
- 4—Swivel hose connection
- 5—3" extension

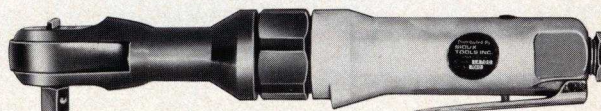
- 6—6" extension
- 7—Outside trigger
- 8—Inside trigger
- 9—Friction socket retainer
- 10—Retaining pin socket retainer

- 11—Locking pin socket retainer
- 12—Quick change chuck
- 13—Spline drive
- Tested on Skidmore-Wilhelm Tester
- Recommended Air Pressure—90 PSI

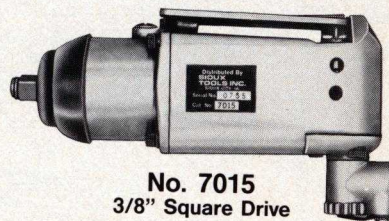
Imported tools distributed by SIOUX Tools.



No. 7005
3/8" Square Drive



No. 7010
3/8" Square Drive
Ratchet Wrench



No. 7015
3/8" Square Drive

Cat. No.	Square Drive Size Ins.	Bolt Capacity Ins.	Speed R.P.M.	Hose Conn. Ins.	Hose Size Ins.	Length Ins.	Side To Center Ins.	Net Wt. Tool Only Lbs. Oz.
7005	3/8	3/8	10,000	1/4"PT	3/8	5-1/2	1	2-14
7010	3/8	5/16	150	1/4"PT	3/8	10-3/8	—	2-10
7015	3/8	7/16	8690	1/4"PT	3/8	6-1/2	1	2-6

Impact wrenches

1/2" square drive



○ No. 4034
1/2" Square Drive

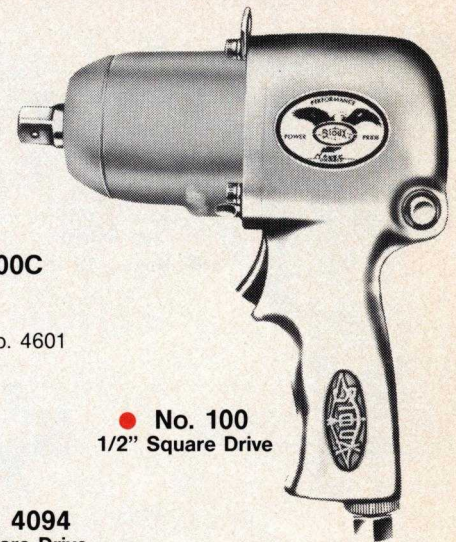


No. 100C

No. 100C—Air Impact Wrench No. 100 and socket set No. 4601 with carrying case No. 328A.



■ No. 4094
1/2" Square Drive



● No. 100
1/2" Square Drive

Drive Ins.	Bolt Capacity Ins.	Cat. No	Speed No Load R.P.M.	Impacts Load Max. Load	Hose Conn.	Hose Size	Length Ins.	Side To Center Ins.	Average Air Consumption CFM	Torque Ft. Lbs. 5 Sec.	Net Wt. Tool Only Lbs. Oz.	See Foot Notes
1/2 Sq.	5/8	100	5500	1350	1/4"PT	3/8"	7-5/16	1-7/16	3-1/2	200	5-8	1, 10 ●
1/2 Sq.	5/8	100E	5500	1350	1/4"PT	3/8"	7-5/16	1-7/16	3-1/2	200	5-8	1, 9
1/2 Sq.	5/8	100F	5500	1350	1/4"PT	3/8"	10-5/16	1-7/16	3-1/2	180	5-14	1, 5, 10
1/2 Sq.	5/8	100FE	5500	1350	1/4"PT	3/8"	10-5/16	1-7/16	3-1/2	180	5-14	1, 5, 9
1/2 Sq.	5/8	4034	6000	1470	1/4"PT	3/8"	7-3/8	1-3/8	4	210	6-4	1, 10 ○
1/2 Sq.	5/8	4034B	6000	1470	1/4"PT	3/8"	7-3/8	1-3/8	4	190	6-6	1, 5, 10
1/2 Sq.	5/8	4034C	6000	1470	1/4"PT	3/8"	7-3/8	1-3/8	4	210	6-4	1, 9
1/2 Sq.	5/8	4034D	6000	1470	1/4"PT	3/8"	10-3/8	1-3/8	4	190	6-6	1, 5, 9
1/2 Sq.	5/8	4034F	6000	1470	1/4"PT	3/8"	7-3/8	1-3/8	4	210	6-6	1, 11
1/2 Sq.	3/8	4074	10,000	1600	1/4"PT	5/16"	5	13/16	2-1/2	60	3	1, 10
1/2 Sq.	3/8	4091	10,000	1600	1/4"PT	5/16"	7	15/16	2-1/2	60	2-8	2, 4, 10
1/2 Sq.	3/8	4094	10,000	1600	1/4"PT	5/16"	7	15/16	2-1/2	60	2-8	2, 10 ■

1—Pistol grip
2—Lever handle
3—D-handle
4—Swivel hose connection
5—3" extension

6—6" extension
7—Outside trigger
8—Inside trigger
9—Friction socket retainer
10—Retaining pin socket retainer

11—Locking pin socket retainer
12—Quick change chuck
13—Spline drive
Tested on Skidmore-Wilhelm Tester
Recommended Air Pressure—90 PSI

An imported tool distributed by SIOUX Tools.

No. 7000—1/2-inch square drive impact wrench.

Cat. No.	Square Drive Size Ins.	Bolt Capacity Ins.	Speed R.P.M.	Hose Conn. Ins.	Hose Size Ins.	Length Ins.	Side To Center Ins.	Net Wt. Tool Only Lbs. Oz.
7000	1/2	5/8	6700	1/4"PT	3/8	7-1/2	1-3/8	5-14



No. 7000



Impact wrenches 5/8", 3/4" square drive



■ No. 4036
5/8" Square Drive



● No. 4038
3/4" Square Drive

○ No. 4040
3/4" Square Drive
6" extended anvil



Drive Ins.	Bolt Capacity Ins.	Cat. No.	Speed No Load R.P.M.	Impacts Load Max. Load	Hose Conn.	Hose Size	Length Ins.	Side To Center Ins.	Average Air Consumption CFM	Torque Ft. Lbs. 5 Sec.	Net Wt. Tool Only Lbs. Oz.	See Foot Notes
5/8 Sq.	5/8	4036	6500	1500	1/4"PT	3/8"	7-3/8	1-3/8	4	275	6-10	1, 10 ■
5/8 Sq.	5/8	4036B	6500	1500	1/4"PT	3/8"	10-3/8	1-3/8	4	250	6-10	1, 5, 10
5/8 Hex	5/8	4036D	6500	1500	1/4"PT	3/8"	7-3/4	1-3/8	4	210	6-6	1, 12
3/4 Sq.	3/4	4038	4500	960	3/8"PT	1/2"	9-1/4	1-3/4	9	750	12-6	1, 10 ●
3/4 Sq.	3/4	4039	4500	960	3/8"PT	1/2"	9-1/4	1-3/4	9	750	12-6	1, 9
3/4 Sq.	3/4	4040	4500	1000	1/2"PT	1/2"	15-1/4	1-3/4	9	750	12-6	1, 6, 10 ○

1—Pistol grip
2—Lever handle
3—D-handle
4—Swivel hose connection
5—3" extension

6—6" extension
7—Outside trigger
8—Inside trigger
9—Friction socket retainer
10—Retaining pin socket retainer

11—Locking pin socket retainer
12—Quick change chuck
13—Spline drive
Tested on Skidmore-Wilhelm Tester
Recommended Air Pressure—90 PSI

An imported tool distributed by SIOUX Tools.

No. 7018A—3/4-inch square drive impact wrench.

Cat. No.	Square Drive Size Ins.	Bolt Capacity Ins.	Speed R.P.M.	Hose Conn. Ins.	Hose Size Ins.	Length Ins.	Side To Center Ins.	Net Wt. Tool Only Lbs. Oz.
7018A	3/4	5/8	4700	1/4	1/2	10-1/2	1-5/8	9-8



No. 7018A



Impact wrenches

1" square drive, 1-5/8" spline drive



■ No. 4055
1" Square Drive, Inside Trigger



○ No. 4057
1-5/8" 14 Tooth Spline Drive

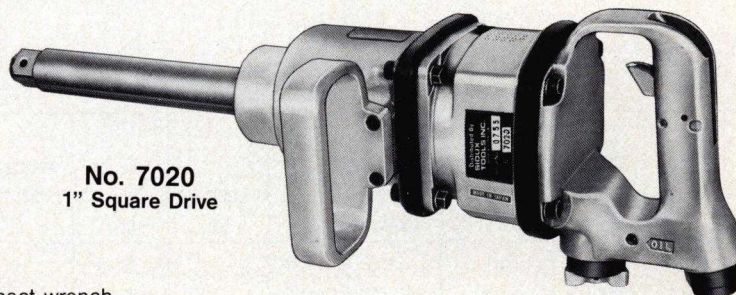
Drive Ins.	Bolt Capacity Ins.	Cat. No	Speed No Load R.P.M.	Impacts Load Max. Load	Hose Conn.	Hose Size	Length Ins.	Side To Center Ins.	Average Air Consumption CFM	Torque Ft. Lbs. 5 Sec.	Net Wt. Tool Only Lbs.	See Foot Notes
1 Sq.	1-3/8	4055	4500	1000	1/2"PT	3/4"	15-3/4	2-5/16	25	1500	26	3, 8, 9 ■
1 Sq.	1-3/8	4056	4500	1000	1/2"PT	3/4"	21-3/4	2-5/16	25	1500	30	3, 6, 8, 9
1-5/8 Spl.	1-3/8	4057	4500	1000	1/2"PT	3/4"	16-1/2	2-5/16	25	1500	26	3, 8, 9, 13 ○
1 Sq.	1-3/8	4058	4500	1000	1/2"PT	3/4"	15-3/4	2-5/16	25	1500	26	3, 7, 9
1 Sq.	1-3/8	4059	4500	1000	1/2"PT	3/4"	21-3/4	2-5/16	25	1500	30	3, 6, 7, 9
1-5/8 Spl.	1-3/8	4060	4500	1000	1/2"PT	3/4"	16-1/2	2-5/16	25	1500	26	3, 7, 9, 13

1—Pistol grip
2—Lever handle
3—D-handle
4—Swivel hose connection
5—3" extension

6—6" extension
7—Outside trigger
8—Inside trigger
9—Friction socket retainer
10—Retaining pin socket retainer

11—Locking pin socket retainer
12—Quick change chuck
13—Spline drive
Tested on Skidmore-Wilhelm Tester
Recommended Air Pressure—90 PSI

An imported tool distributed by SIOUX Tools.



No. 7020
1" Square Drive

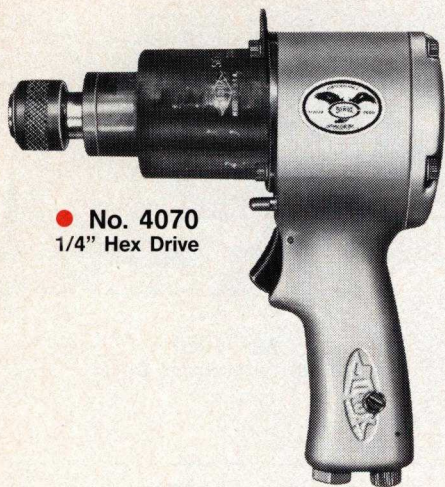
No. 7020—1-inch square drive impact wrench

Cat. No.	Square Drive Size Ins.	Bolt Capacity Ins.	Speed R.P.M.	Hose Conn. Ins.	Hose Size Ins.	Length Ins.	Side To Center Ins.	Net Wt. Tool Only Lbs. Oz.
7020	1	7/8	4700	1/2	3/4	23-3/4	2-1/4	28-15



Impact Screwdrivers

1/4" and 7/16" hex drive, 7/16" quick change



● No. 4070
1/4" Hex Drive



□ No. 4092
1/4" Hex Drive



■ No. 4096
7/16" Hex Drive



○ No. 4034E
7/16" Quick Change



◆ No. 4071
7/16" Hex Drive

Drive Ins.	Bolt Capacity Ins.	Cat. No	Speed No Load R.P.M.	Impacts Load Max. Load	Hose Conn.	Hose Size	Length Ins.	Side To Center Ins.	Average Air Consumption CFM	Torque Ft. Lbs. 5 Sec.	Net Wt. Tool Only Lbs. Oz.	See Foot Notes
● 1/4 Hex	5/16	4070	10,000	1600	1/4"PT	5/16"	6-1/8	13/16	2-1/2	35	3	1, 12
□ 1/4 Hex	5/16	4092	10,000	1600	1/4"PT	5/16"	7	15/16	2-1/2	35	2-8	2, 4, 12
1/4 Hex	5/16	4095	10,000	1600	1/4"PT	5/16"	7	15/16	2-1/2	35	2-8	2, 12
◆ 7/16 Hex	3/8	4071	10,000	1600	1/4"PT	5/16"	6-1/8	13/16	2-1/2	55	3-2	1, 12
■ 7/16 Hex	3/8	4096	10,000	1600	1/4"PT	5/16"	7	13/16	2-1/2	55	3-2	2, 12
○ 7/16 Hex	5/8	4034E	6000	1470	1/4"PT	3/8"	7-1/2	1-3/8	4	165	6-4	1, 12

1—Pistol grip
2—Lever handle
3—D-handle
4—Swivel hose connection
5—3" extension

6—6" extension
7—Outside trigger
8—Inside trigger
9—Friction socket retainer
10—Retaining pin socket retainer

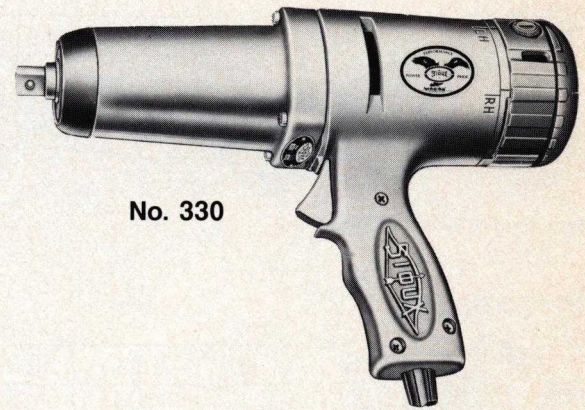
11—Locking pin socket retainer
12—Quick change chuck
13—Spline drive
Tested on Skidmore-Wilhelm Tester
Recommended Air Pressure—90 PSI

Electric Impact Wrenches

7/16" Hex, 1/2" square,
5/8" square



● No. 336



No. 330

- A size and power for every application
- Reversible—equal power either rotation

Drive Ins.	Bolt Capacity Ins.	Cat. No.	Speed No Load R.P.M.	Impacts Load Max. Load	Volts	Amps	Length Ins.	Side to Center Ins.	Torque Ft. Lbs. 5 Sec.	Net Wt. Tool Only Lbs. Oz.	See Foot Notes
7/16 Hex	5/8	336	2000	1600	115	5.2	12	1-1/2	90	7-10	1, 3 ●
7/16 Hex	5/8	336J	2000	1600	230	2.6	12	1-1/2	90	7-10	1, 3
1/2 Sq	5/8	330	2000	1600	115	5.2	11-1/2	1-1/2	130	7-10	1, 2 ○
1/2 Sq	5/8	330J	2000	1600	230	2.6	11-1/2	1-1/2	130	7-10	1, 2
5/8 Sq	5/8	335	2000	1600	115	5.2	11-1/2	1-1/2	140	7-10	1, 2
5/8 Sq	5/8	335J	2000	1600	230	2.6	11-1/2	1-1/2	140	7-10	1, 2

1—Pistol Grip
2—Retaining Pin Socket Retainer
3—Quick-Change Chuck
Tested on Skidmore-Wilhelm Tester



No. 330C

Bits for No. 336 Wrench

- 1—No. 2428—7/16" Hex to 1/2" Square Adaptor
- 1—No. 2465—9/16" Bit 18" Long
- 1—No. 2466—11/16" Bit 18" Long
- 1—No. 2467—11/16" Bit 18" Long

See page 72 for Keyless Jacobs Chuck to fit No. 330 Impact wrench.

Electric Impact Wrench Sets

No. 330-C—Includes 1—No. 330 Impact Wrench, 1—No. 4601 Socket Set in No. 328 Metal Carrying Case.

No. 330-JC—Includes 1—No. 330-J Impact Wrench, 1—No. 4601 Socket Set in No. 328 Metal Carrying Case.

No. 328—Metal Carrying Case (only) 12" x 9-3/4" x 2-1/2" deep.

No. 14278—Reversing cap rubber protector optional equipment on all units.



Impact Wrench Accessories

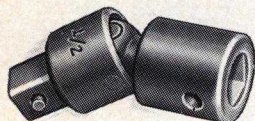
Extension Bars



Cat. No.	2572	2575
Female and Male Square Length	3/8" 3"	3/8" 6"

Snaps directly on the square of Impact Wrench.

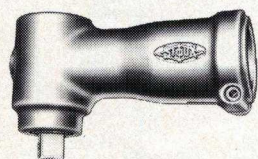
Universal Joint



Cat. No.	2751	2752
Male and Female Square	3/8"	1/2"

Snaps directly on the square of Impact Wrench.

Angle Attachment for Wrenches



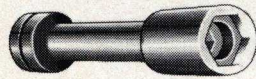
For close work that cannot be handled with the standard impact wrench. Clamps onto nose of wrench in place of rubber protector.

Cat. No.	2330	2331	2332
For Wrench No.	4073, 4090 4093	4074, 4091 4094	100, 330 4034
Male and Female Square	3/8"	1/2"	1/2"

Sockets for Budd Wheels



No. 6426B



No. 6426BWL



No. 6426BW

Cat. No.	6426B	8426B	6426BWL	8426BWL	6426BW	8426BW
Square Drive	3/4"	1"	3/4"	1"	3/4"	1"
Square Socket	13/16"	13/16"	13/16"	13/16"	13/16"	13/16"
Hex Opening	—	—	1-1/2"	1-1/2"	1-1/2"	1-1/2"
Length	4"	4"	7-1/2"	7-1/2"	4"	4"

Keyless Jacobs Chuck



No. 2400—1/2" Square Drive takes from 3/16" to 1/2" drill bits. For use with 1/2" Drive Air and Electric Impact Wrenches.

Adaptor for Insert Bits



No. 2534—3/8" Square to 5/16" Hex.
No. 2585—1/2" Square to 5/16" Hex.

Socket Adaptors for all units



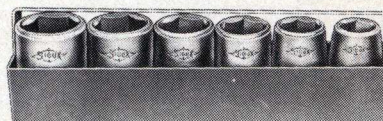
Cat. No.	2558	2559	2561	2562	2563	2564	2565	2566	2568
Female Square	3/8"	1/2"	1/2"	5/8"	5/8"	3/4"	3/4"	3/4"	1"
Male Square	1/2"	3/8"	3/4"	1/2"	3/4"	1/2"	5/8"	1"	3/4"

Quick Change Chuck

Cat. No.	2520	2530
Female Square	1/2"	3/8"
Female Hex	7/16"	1/4"
Length	2-1/4"	1-13/16"

Slips directly onto the square of Impact Wrench Bits on page 42.

For all types of screw-driver bits having 7/16" or 1/4" hex shanks. The sliding sleeve locks the bit securely in place.



Socket Sets

Set No.	Square Driver	These Sets in Metal Holders Includes These Sizes
3600	3/8"	3/8", 7/16", 1/2", 9/16", 5/8", 11/16"
4600	1/2"	7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
4601	1/2"	5/8", 11/16", 3/4", 13/16", 7/8", 15/16"

"O" Rings



Cat. No.	14317	14318	14319
Sockets	No. 2564 No. 2565	All 3/4" except No. 6426BW	All 1" and 3/4" No. 6426BW

Retainer Pins



Cat. No.	34911	34664	34665
Sockets	3/4" No. 6620-6638 No. 6826-6830 No. 6420-6426 No. 6620L-6638L No. 6246B	3/4" No. 6640-6654 No. 6640L-6652L No. 6832-6846 No. 6426BWL	All 1" No. 6426BW 3/4"
Ext. and Adapt.	No. 2564 No. 2565	All except No. 2564 No. 2565	



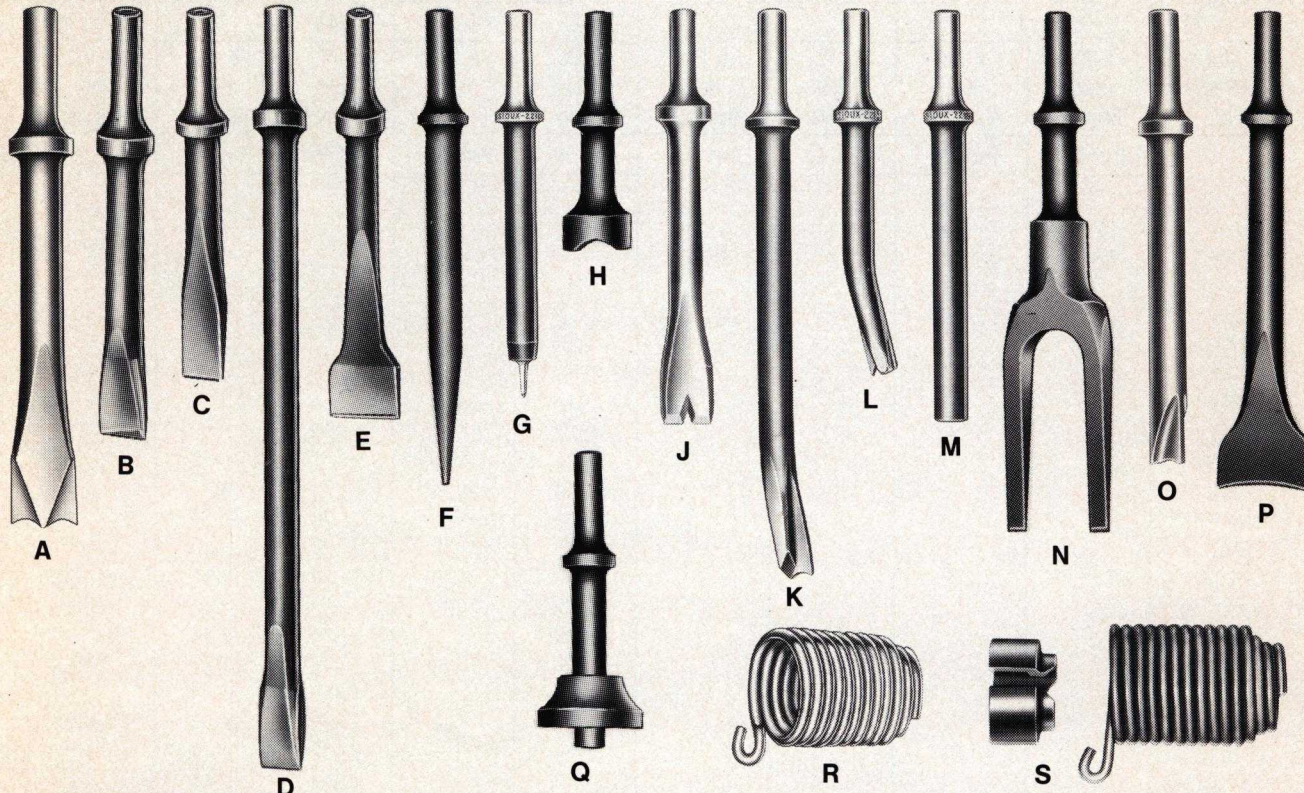
Impact Wrench Sockets

Size Across Flats	1/4"		3/8"		1/2"	5/8"	3/4"	1"	#5 Spline
	6 Pt. Hex Regular	6 Pt. Hex Magnetic	6 Pt. Hex Regular	6 Pt. Hex Magnetic	6 Pt. Hex Regular	6 Pt. Hex Regular	6 Pt. Hex Regular	6 Pt. Hex Regular	6 Pt. Hex Regular
	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
3/16"		2606M							
1/4"	2608	2608M							
5/16"	2610	2610M	3610	3610M					
11/32"		2611M							
3/8"	2612	2612M	3612	3612M	4612				
7/16"	2614		3614	3614M	4614				
1/2"	2616		3616		4616				
9/16"			3618		4618	5618			
5/8"			3620		4620	5620	6620		
11/16"			3622		4622				
3/4"			3624		4624	5624	6624	8624	
13/16"					4626		6626	8626	
7/8"					4628	5628	6628	8628	
15/16"					4630	5630	6630	8630	5H30
1"					4632	5632	6632	8632	5H32
1-1/16"					4634		6634	8634	
1-1/8"					4636	5636	6636	8636	5H36
1-3/16"					4638		6638	8638	
1-1/4"					4640	5640	6640	8640	5H40
1-5/16"							6642	8642	5H42
1-3/8"							6644	8644	
1-7/16"							6646	8646	5H46
1-1/2"							6648	8648	5H48
1-9/16"								8650	
1-5/8"							6652	8652	5H52
1-11/16"							6654	8654	5H54
1-3/4"								8656	
1-13/16"								8658	5H58
1-7/8"								8660	5H60
1-15/16"								8662	
2"								8664	5H64
2-1/8"									5H68

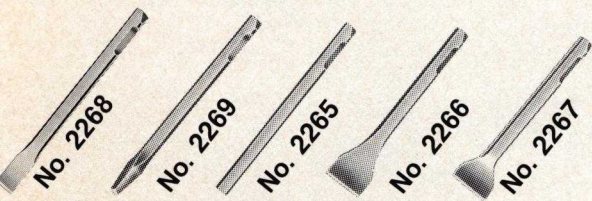


Percussion Tool Accessories

For No. 270 Slugger—401 Parker Taper

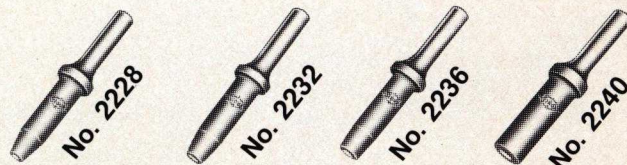


- A. No. 2201—Cutter
 B. No. 2202—Chisel, break spot welds, split nuts, etc.
 C. No. 2203—River Buster, shear all type of rivets, 5/8" wide.
 D. No. 2204—Extension Chisel, especially for those "hard-to-reach" places, 5/8" wide.
 E. No. 2205—Scraper, remove all soft deadener. Cleans the surface 1-1/4" wide.
 F. No. 2206—Punch, punch out rivets, perch bolts, bearing races, etc.
 G. No. 2210—Sheet metal punch, punch perfect holes for metal screws.
 H. No. 2217—Rust breaker, 1" dia.
 J. No. 2212—Spot weld breaker.
 K. No. 2213—Splitter.
 L. No. 2214—Edging chisel, trim and edge metal sheets.
 M. No. 2215—Blank chisel, 1/2" dia.
 N. No. 2216—Fork chisel.
 O. No. 2218—Bushing cutter.
 P. No. 2220—Bushing chisel, remove bushings, 1-5/8" wide.
 Q. No. 2219—Bushing driver, install bushings, 7/16" - 1-3/8" dia.
 R. No. 2207—Chisel retainer spring, standard chisel retainer spring.
 S. No. 2208—Special spring, use No. 2208 in place of 2207 with Nos. 2201, 2205, 2216, 2217, 2219 and 2220.



Chisels for 264 Weld Flux Scalers

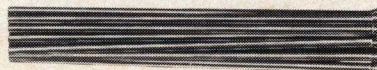
Cat. No.	Blade Width	Description
2265	1/2"	1/2" quarter octagon chisel blank
2266	1-3/8"	1/2" quarter octagon wide scaling chisel
2267	1-3/8"	1/2" quarter octagon angle scaling chisel
2268	5/8"	1/2" quarter octagon narrow chisel
2269	3/16"	1/2" quarter octagon diamond point chisel



270 Rivet Sets

Rivet Head	Rivet Diameter Size				
	3/32"	1/8"	5/32"	3/16"	1/4"
Cupping	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
Button Head	2228	2229	2230	2231	2244
Round Head	2232	2233	2234	2235	2245
Brazier Head	2236	2237	2238	2239	2246
Universal Head	2240	2241	2242	2243	2247

No. 2260—19 high quality shock resistant needles for Needle Scalers.



Shears, Nibblers, Percussion Tools



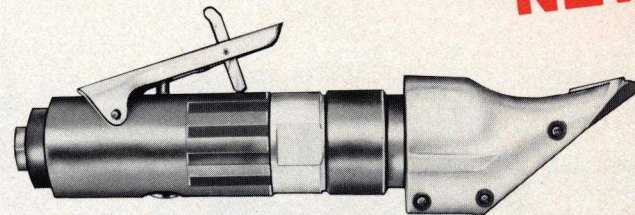
NEW



● No. 1444HPL

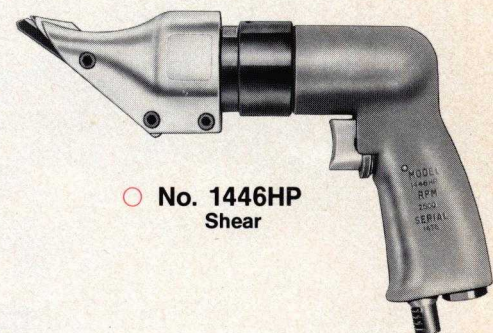
No. 1444HPL—Nibbler. Use on cold rolled sheet steel up to 18 gauge.

NEW

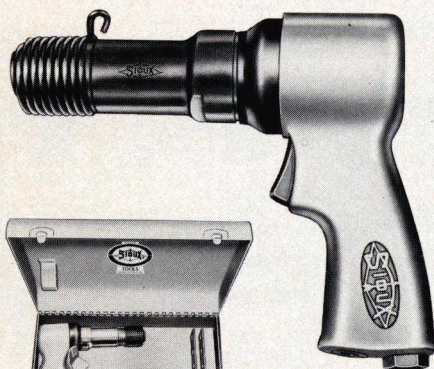


■ No. 1446HPL Shear

Handle		R.P.M. No Load	Cat. No.	Side to Center Ins.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Wt. Tool Only Lbs.-Oz.	H.P.
Lever-Lok	Non-Rev	2600	1444HPL	29/32	1/4"	3/8"	8-1/16 4-1/2 High	2-12	.75 ●
Pistol		2600	1446HP	29/32	1/4"	3/8"	8	2-15	.75 ○
Lever-Lok		2600	1446HPL	29/32	1/4"	3/8"	10-1/2	2-12	.75 ■



○ No. 1446HP Shear



□ No. 270 Slugger

- Lightweight
- Easy to operate
- Needle scalers available with rectangular needle holder



NO. 270C AIR METAL WORKING TOOL SET

No. 270C—Set includes the following:

- | | |
|-------------------------|-----------------------------|
| 1—No. 270 Slugger | 1—No. 2204 Extension Chisel |
| 1—No. 274 Carrying Case | 1—No. 2205 Scraper |
| 1—No. 2201 Cutter | 1—No. 2206 Punch |
| 1—No. 2202 Chisel | 1—No. 2208 Special Spring |
| 1—No. 2203 Rivet Buster | |



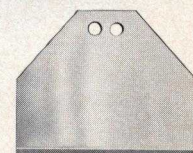
◇ No. 1620 Gasket Scraper
Optional Blades for 1620



No. 1620B-1"



No. 1620C-1-1/2"



No. 1620D-3"

Handle	Blows Per Minute	Cat. No.	Side To Center Ins.	Bore Ins.	Stroke Ins.	Hose Conn.	Min. Hose Size	Overall Length Ins.	Net Wt. Tool Only Lbs. Oz.	Capacity
Offset	2000	270	1-1/16	9/16	3	1/4"PT	3/8"	6-3/4	4-12	3/16" steel rivet
Lever	—	1620	5/8	—	—	1/4"PT	3/8"	9-1/2	1-8	—

An imported tool distributed by SIOUX Tools.

- 3000 blows per minute
- Weighs only 4 pounds
- Accepts all standard .401 Parker taper chisels

Cat. No.	Blows Per Minute	Stroke Ins.	Bore Ins.	Length Ins.	Hose Conn.	Side to Center	Net Wt. Tool Only Lbs. Oz.
7050	3000	2.75	.75	7	1/4"	1.04"	3-8



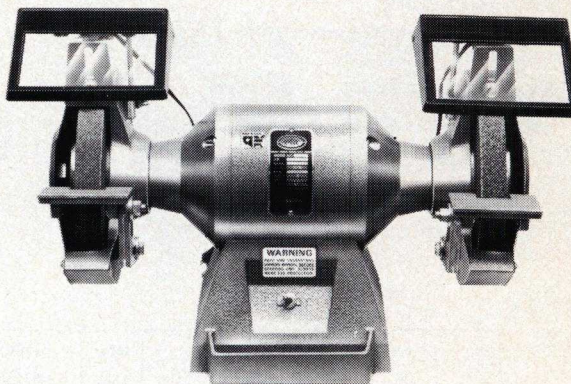
No. 7050 Slugger



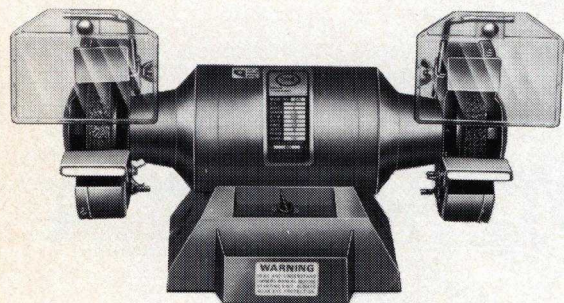
Bench Grinders



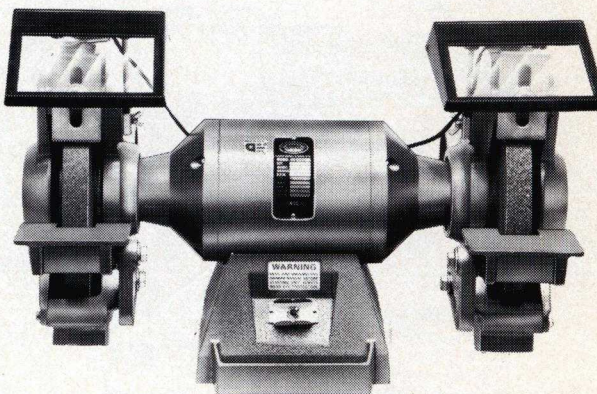
● No. 2089



○ No. 2090



□ No. 2030



■ No. 2091

- Safety eye shields
- Heavy duty adjustable tool rests
- Lifetime sealed ball bearings
- Lights standard on all but No. 2030

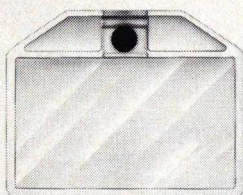
Bench Grinders

Wheel Diameter Ins.	H.P.	R.P.M. No Load	Cat. No.	Wheel		Volts	Phase	Cycle	Net Wt. Tool Only Lbs. Oz.	Length Ins.	Light Available	
				Face Ins.	Hole Ins.							
6	1/4	3450	2030	3/4	1/2	115	1	60	27	17	No	□
6	1/3	3450	2040	3/4	1/2	115	1	60	29	17	Yes	
7	1/2	3450	2089	1	5/8	115	1	60	37	19	Yes	●
8	3/4	3450	2090	1	3/4	115	1	60	61	20-1/4	Yes	○
10	1	1725	2091	1	3/4	115	1	60	88	23	Yes	■

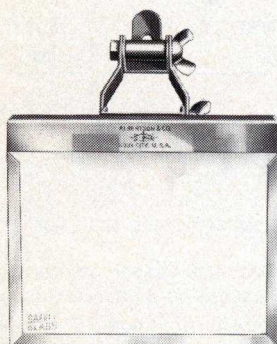


Bench Grinder Accessories

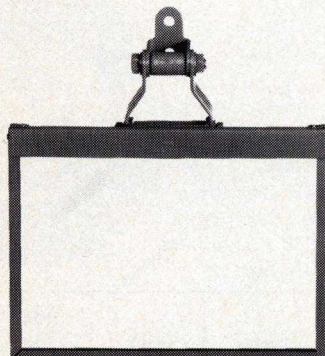
No. 2011



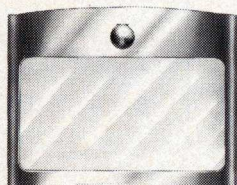
No. 2012



No. 2014



No. 2016



Safety Eye Shields

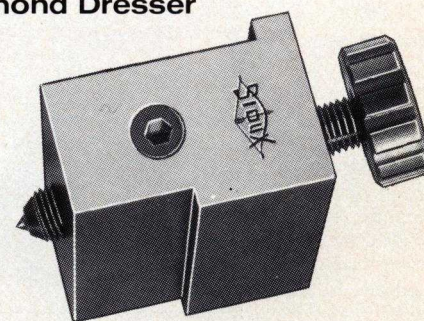
Cat. No.	Description	Size	Used On These SIOUX Numbers
2011	Pr. Eye Shields	—	2013, 2030, 2065, 2078
2012	Eye Shield	5" x 6"	2024, 2017
2014	Eye Shield	6" x 8"	2050
2016	Pr. Eye Shields	—	2079, 2080, 2081
2012A	Replacement Glass	—	2012
2014A	Replacement Glass	—	2014
2016A	Replacement Glass	—	2016



Grinding Wheels— Not to be used on air tools

No.	Dia.	Thick	Hole	Used With	Grit	Shape
2006	6	3/4	1/2	Grinder	36	Straight
2007	6	3/4	1/2	Grinder	46	Straight
2009	6	3/4	1/2	Grinder	60	Straight
2027	8	1	3/4	Grinder	36	Straight
2028	8	1	5/8	Grinder	46	Straight
2036	7	1	5/8	Grinder	36	Straight
2037	7	1	5/8	Grinder	46	Straight
2051	10	1	3/4	Grinder	46	Straight
2052	10	1	3/4	Grinder	24	Straight

Diamond Dresser



Diamond Point **No. 1715** held in block for dressing wheels on all bench grinders. Gives a high accurate finish.

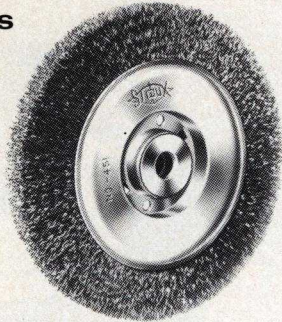
No. 2043—Complete Diamond Dresser with diamond and block holder.

No. 2043A—Block Holder only, less diamond.



Wire Wheel Brushes

Circular Wire Wheels



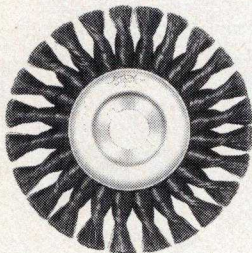
If arbor hole other than standard is required suffix size or number below—packed one to a box.

Cat. No.	Diameter Ins.	Width Ins.	Wire Size Ins.	Std. Arbor Ins.
449	4	1	.012	1/2
451	6	3/4	.014	1/2
451A	6	3/4	.012	1/2
452	8	1-1/2	.010	5/8
453	10	2	.010	3/4
454	12	2	.012	1-1/4
455	7	1	.014	5/8

SIoux Wire Wheels

Designed for SIoux 561 and 561A Quick Change Adapter. Knotted type.

Packed one to a box.



No.	Diameter Ins.	Wire Size Ins.	Std. Arbor Ins.
462 Quick Change	6	.016	1
463 Quick Change	7	.016	1
464 Quick Change	8	.016	1

Cup or Torque Brushes

These torque or cup shape brushes are for body repair, removing paint, scale or corrosion, cleaning welded joints, etc. Packed one to a box.

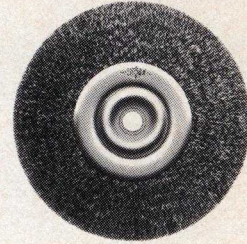


Cat. No.	Size Dia.	Wire Size	Std. Arbor
*457	3-1/2"	.020	5/8"-11 thd.
*823	5-3/4"	.020	5/8"-11 thd.
829	3-1/2"	.020	5/8"-11 thd.
*833	5-3/4"	.014	5/8"-11 thd.

Use No. 948—3/8" Thread Bushing 5/8"-11 Thread to 3/8"-16 Thread for 3/8" Spindles. *Knot Type.

Circular Sectional Wire Wheels

Packed one to a box.



Cat. No.	Diameter Ins.	Width Ins.	Wire Size Ins.	Std. Arbor Ins.
444	4	3/8	.010	1/2
446*	6	3/8	.012	1/2

Applications:

No. 443—Nylon tires.

No. 444—Portable tool or flexible shaft, for light brushing work.

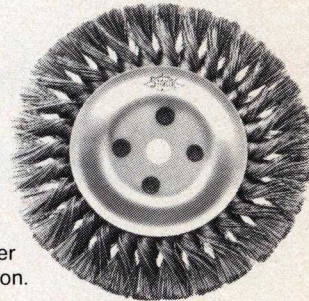
No. 446—Portable tool or 6" bench grinder where several sections may be mounted on 6" bench grinder.

*Has removable insert for 5/8" hole.

Knot Type Wire Wheels

High brush flexibility, for cleaning heavy scale, rubber deposits, welding preparation.

Packed one to a box.



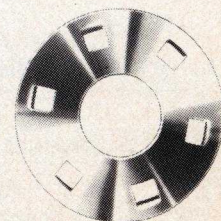
Cat. No.	Diameter Ins.	Width Ins.	Wire Size Ins.	Std. Arbor Ins.
447	6	1/2	.014	1/2
448	4	1/2	.014	1/2
458	6	1/2	.012	5/8
459	6	1/2	.014	5/8
460	7	5/8	.012	5/8
461	8	5/8	.012	5/8

Adaptors for SIoux Wire Wheel Brushes

Cat. No. 451, No. 451A and No. 455 wire brushes can only be supplied with adaptor with 1/2" hole thru 1" hole. No. 452, No. 453 and No. 454 can be supplied with adaptor with holes in all sizes listed below.

Adaptor No. 419—1/2" Hole
Adaptor No. 422—5/8" Hole
Adaptor No. 423—3/4" Hole
Adaptor No. 424—7/8" Hole

Adaptor No. 425—1" Hole
Adaptor No. 426—1-1/8" Hole
Adaptor No. 427—1-1/4" Hole



For No. 449

Adaptor No. 421..... 1/2" Hole
Adaptor No. 421A..... 5/8" Hole



Distributor Aids



No. 2000—Drill Chuck Center. A display for replacement chucks for SIoux drills. Contains the following chucks: 2 No. 21116, 2 No. 21000, 2 No. 21129, 1 No. 21085 and 1 No. 21004. Also the following keys: 4 No. 30002, 4 No. 30000, 4 No. 30262, 2 No. 30231, 2 No. 30011. A very attractive display in yellow plastic with two holes in the back for mounting and an easel for standing on a counter.



A new teaching and training video tape available from SIoux Tools, "The Principles of SIoux Valve and Valve Seat Reconditioning." Available in the three popular video tape sizes.

No. 007—Valve Grinding, 1/2" VHS tape.

No. 008—Valve Grinding, 1/2" Beta tape.

No. 009—Valve Grinding, 3/4" tape.




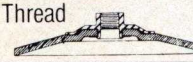
No. 2200—Fourteen of the most popular slugger accessories in a display case. It also contains 2 regular retainer springs and 2 special springs. Included are 2 No. 2201 Cutters, 2 No. 2202 Chisels, 2 No. 2203 Rivet Busters, 2 No. 2204 Extension Chisels, 1 No. 2205 Scraper, 1 No. 2206 Punch, 2 No. 2207 Standard Springs, 2 No. 2208 Special Springs, 1 No. 2212 Spot Weld Breaker, 1 No. 2213 Muffler Splitter, and 2 No. 2214 Edging Chisels.



No. 370—Twenty of our most popular sizes of Hole Saws in a display case. Keep the display stocked or sell it as a set. Includes No. 351-B Arbor, No. 353-A Arbor and No. 438 Bushing, and these Hole Saws: No. 375-5/8", 377-3/4", 378-7/8", 379-1", 380-1-1/8", 381-1-1/4", 382-1-3/8", 383-1-1/2", 384-1-5/8", 385-1-3/4", 386-1-7/8", 387-2", 388-2-1/8", 389-2-1/4", 390-2-3/8", 391-2-1/2", 395-3", 402-3-1/2", 415-4", and 418-4-1/4"



Depressed Center Grinding Wheels

Wheels Available by Cat. Number		Cat. No.	Grain	Grade	Grit	Hole	Diameter	Thickness	R.P.M.
 7/8" Smooth Hole Thread	Type 27	2004	X	R	24	7/8"	4-1/2"	1/4"	12,000
		2005	X	R	24	7/8"	5"	1/4"	10,850
		303XR24	X	R	24	7/8"	3"	3/16"	18,000
		304XR24	X	R	24	3/8"	3"	1/4"	18,000
		404XR24	X	R	24	3/8"	4"	1/4"	13,500
		704XR24	X	R	24	7/8"	7"	1/4"	7,000
		704XR24K	X	R	24	5/8"-11	7"	1/4"	7,000
		904XR24	X	R	24	7/8"	9"	1/4"	6,000
 Thread	Type 28	904XR24K	X	R	24	5/8"-11	9"	1/4"	6,000
		754XR24K	X	R	24	5/8"-11	7"	1/4"	7,000
		954XR24K	X	R	24	5/8"-11	9"	1/4"	6,000

R—Indicates fast cutting general purpose wheel

X—Made of Aluminum Oxide Grain

- Suffix K represents 5/8"-11 built-in threaded hub.

SIoux Reinforced Depressed Center Wheels have been developed for the fastest economical stock removal on all metals. Rigid Depressed Center Wheels are lighter and more maneuverable than flared cup wheels. **MINIMUM 5 TO A PACKAGE.**

Flared Cup Wheels Available

Dia.	**"W" Dim.	Grain (1)	Grade (2)	Grit	Drive (3)
5	25	X or C	R	16	T
5	25	X	R	24	T
6	25	X or C	R	16	T
6	25	X	R	24	T

**"W" equals 1-1/4" of cup sidewall.

Example of how to order—select desired specification from each column; left to right:

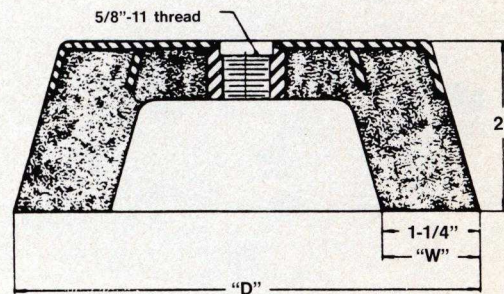
Example: 625XR16T

(1) Use Aluminum Oxide (X) for: Steel, Welds, Snagging and Malleable Iron. Use Silicone Carbide (C) for: Cast Iron, Non-Ferrous Metals and Concrete.

(2) Use Medium (R) Grade for faster cutting.

(3) Threaded insert in wheel 5/8"-11 (T) to be used with standard portable grinders.

Flared Cup Grinding Wheels Integralguard





Resin Bond Abrasive Discs

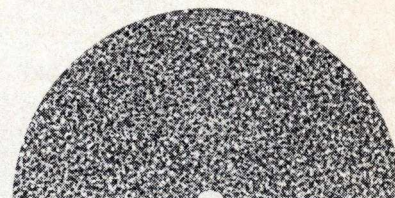
Regular and SIOUX-per discs have their grain applied by a new electro-static process. By comparative grinding tests, this process produces discs that are sharper, have a longer life and are cooler running than any disc on the market.



Industrial Regular



SIOUX-per Disc



Open Coat

	Industrial	Regular	SIOUX-per Disc	Open Coat
Basic Construction	1. Heavy duty fiber backing 2. Closed coat, with extra grain and resin for severest applications.	1. Medium fiber backing 2. Closed coat with a strong bond for minimum grain loss.	1. Medium fiber backing 2. Closed coat with a strong bond for minimum grain loss.	1. Heavy fiber backing 2. Light grain distribution 3. Strong bond to keep grain loss to a minimum.
General Use	1. Heavy welds. 2. General rough, heavy operations where maximum stock removal is required. 3. Not to be used where sanding heat might distort the work.	1. Light welds. 2. All purpose disc for general operations.	1. For medium and heavy-duty operations.	1. For use on paint, solder, aluminum and other soft metals. 2. Pre-finishing operation.
Grain	16 thru 150 Red Aluminum Oxide Grain applied by gravity to give multiple layers for heavy duty grinding.	24 thru 150 Red Aluminum Oxide Electro-statically applied grain gives sharper, longer lasting disc.	16 thru 50 zirconium alloy grain formulation applied to give even distribution.	16 thru 80 Red Aluminum Oxide Grain applied by gravity to give more even distribution.

How To Order SIOUX Abrasive Discs

Order by Catalog Number-Diameter, Grit, Type.

Example: Description 9" Diameter, 24 Grit.

Industrial type = Catalog No. 9024N.

Actual Diameter of Discs is 5-1/8", 7-1/8", 9-1/8".

Special Abrasive Discs: To order any variation of a standard Disc, suffix above catalog number by the following code: Backspray-02; Silicon Carbide Grain-03; 8 Sided 9" only-06; Stainless Steel Use-08.

Example: Description-9" Diameter, 24 Grit, Industrial Type (Silicon Carbide Grain).

= Catalog No. 9024N03.

Overruns and underruns on special discs must be accepted by the customer.

Availability and price of any other special Disc must be quoted by the factory.

Resin Bond—Tempered Aluminum Oxide or Zirconium Alloy Grain discs packed 25 to a carton.

7/8" Center Hole.

Dia.	Grits	Specify Type			
5"	016	Ind. (N)	Not Avail.	SIOUX-per Disc	Open Coat (C)
7"	024	N	Reg. (R)	Z	(C)
9"	036	N	R	Z	(C)
	050	N	R	Z	(C)
	060	N	R		(C)
	080	N	R		(C)
	100	N	R	Not Avail.	Not Avail.
	120	N	R		Not Avail.
	150	N	R		Not Avail.

Pressure Sensitive Discs

Drilube Pressure Sensitive Adhesive Paper—Cartons of 100

5" Discs

No. 519P—240 Grit

No. 520P—180 Grit

No. 521P—100 Grit

No. 519PV—240 Grit with vacuum pickup holes

No. 520PV—180 Grit with vacuum pickup holes

No. 521PV—100 Grit with vacuum pickup holes

6" Discs

No. 577P—240 Grit

No. 578P—180 Grit

No. 579P—100 Grit

No. 577PV—240 Grit with vacuum pickup holes

No. 578PV—180 Grit with vacuum pickup holes

No. 579PV—100 Grit with vacuum pickup holes

SIOUX Abrasive Trimmer

No. 237



An easily operated trimmer which quickly trims 9" discs to 7"; 7" discs to 5" and 5" discs to 3".

No. 237—SIOUX Abrasive Trimmer

No. 25401..... Extra Cutter for No. 237

No. 24610..... Extra Roller for No. 237



Heavy Duty Wet and Dry Vacuums

- Automatic shut-off
- Sturdy steel tank with epoxy phenolic-coated interior or stainless steel
- Free wheeling dolly
- UL and CSA listed for operator safety



No. 860A

Unit includes: No. 861, No. 862, No. 863, No. 864, No. 865, No. 868.

Accessories

- No. 861**—6' x 1-1/4" hose
No. 862—6" Master floor nozzle
No. 863—6" Brush adaptor
No. 864—6" Squeegee adaptor
No. 865—1-1/4" Crevice tool
No. 867—Floor care set, consists of 14" master nozzle, 14" brush shoe, 14" squeegee shoe, 1-1/4" metal extension wands, round brush.
No. 868—Cartridge filter

Vacuums

Cat. No.	Capacity	Motor Specs.	Tank	Cord	Hose	Intake Size	Static Pressure
● 860A	6-1/4 gals. wet 8-1/8 gals. dry	1.3HP peak 7.4 amps, 115 volt, 50-60 Hz	Epoxy coated steel	35' 3-conductor grd.	1-1/4" x 6'	2-1/2"	42" water
○ 880A	10 gallons	1.7HP peak 6.5 amps, 115 volt, 60 Hz	Stainless steel	18' 3-conductor grd.	1-1/2" x 12' Crush-proof	2-1/2"	80" water



No. 880A

Stainless Steel Tank

Unit includes: No. 881, No. 885, No. 882, No. 892.

Accessories

- No. 881**—12' x 1-1/2" crushproof hose
No. 882—6" Metal Master floor nozzle
No. 883—Brush shoe
No. 884—Squeegee shoe
No. 885—15" Crevice tool
No. 886—14" Metal Master nozzle
No. 887—14" Squeegee shoe
No. 888—14" Rug shoe
No. 889—14" Brush shoe
No. 890—Metal interlocking wand
No. 891—Deluxe Floor Care Kit, includes Nos. 885, 886, 887, 888, 889 and 890
No. 892—Foam filter
No. 893—Full cloth filter bag
No. 894—12' x 1-1/4" hose

NEW

High Pressure Washers



Electric



No. 762

Gasoline



No. 763

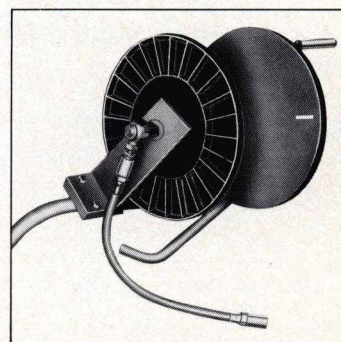
○ 3 HP Gas Engine

● 1-1/2 HP Electric Motor

Features of both models:

- 20 gallon tank
- 2.0 and 2.5 GPM
- 1000 PSI
- 3/8" H.P. handgun hose x 25'
- Nylon handgun with 20" extension
- 3 plunger pump with brass unloader valve
- 2000 lb. pressure gauge
- Brass swivel-coupler at handgun
- 3-way valve allows fluid to be drawn from outside source.
- Adjustable nozzle allows fan or jet patterns.
- (4) 10.5 x 3.5 semi-pneumatic tires
- Nylon strainer filters suction line
- Model 761 hose reel—optional
- Rugged steel tubular frame
- Use dry or liquid detergents or degreasers.

Optional Reel
Easily attached
Stores hose neatly



No. 761

Cat. No.	Discharge Capacity	Operating Pressure	Pump	Motor	Hose Ins.	Gun	Nozzle	Chemical Control	Wheel Dia. Ins.
762	2.0 GPM	1000 PSI	Triple Plunger	1*	3/8" x 25'	Trigger Operated	Adjustable Nozzle	Siphon from tank	10.5 ●
763	2.5 GPM	1000 PSI	Direct Drive	2*	3/8" x 25'	Trigger Operated	Adjustable Nozzle	Siphon from tank	10.5 ○

*1—1-1/2 HP, 115V, 60 Hertz, 1 Ph., capacitor start, overload protected

*2—3 HP Briggs & Stratton



Valve Reconditioning Equipment

- Precision SIOUX chucking system
- Variable speed chuck—150-300 RPM
- Precision linear ball bearing chuck cross-slide
- Fingertip chuck release
- Easy angle adjustment
- Adjustable grinding head
- Micrometer feed
- Coolant tank easily removable for cleaning
- 7" valve face grinding wheel

THE CLASSIC 2001



No. 2001TR

Standard 115 volt, single phase 60 cycle. Other voltages available include 230 volt, single and three phase, 50 and 60 cycle, additional cost. Specify voltage required. See price list for optional voltages.

Rocker arm attachment not included—to order see No. 656G on page 47.

No. 2001A Complete Valve Shop (Air Driver)

Consists of:

- No. 2001**—Valve Face Grinding Machine
- No. 1771A**—Air Valve Seat Grinder Set (less box)
- See page 53 for complete details of set.
- No. 644**—Valve Service Cabinet
- No. 644A**—Seat Mate

Optional digital readout available. Use Suffix TR.
Example: 2001TR

For larger chuck capacity, 5/16" up to 3/4" order 2001SP.
Will grind valve angles from 0° - 46°.

No. 641—Flexible plastic cover for 2001 Series machines—optional at added cost.

No. 2001E Complete Valve Shop (Electric Driver)

Consists of:

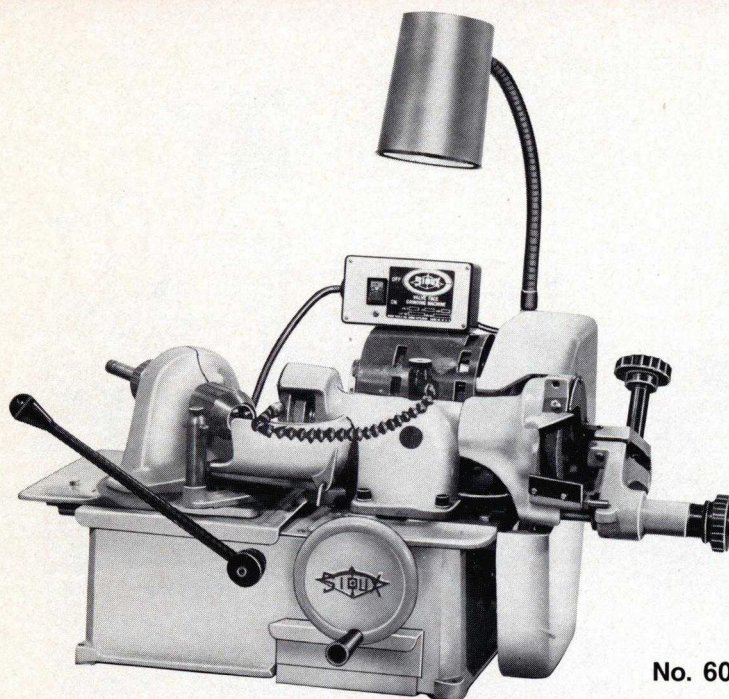
- No. 2001**—Valve Face Grinding Machine
- No. 1725E**—Electric Valve Seat Grinders Set (less box)
- See page 52 for complete details of set.
- No. 644**—Valve Service Cabinet
- No. 644A**—Seat Mate

Valve seat grinding drivers have universal motor, 115 volt, 60 cycle standard. 230 volt available.

Machine No.	Chuck Cap. Stem Inches	Valve Head Max. Dia. Inches	Net Weight Lbs.	Base Dimensions Inches	Motors
2001	.230 to 11/16	6	270	25-3/4 x 18	Grinding Head—1/2 H.P.;
2001SP	5/16 to 3/4	6	270	25-3/4 x 18	Chuck—1/6 H.P.;
					Pump—1/70 H.P.

Dressing Attach.	Chuck Type	Right End Attach.	Grinding Wheels	Vee Block	Wrench	Coolant	Chuck Shields	Cover	Splash Guard	Optional Rocker Arm Attach.
63283	Lever	53783	176 Standard—Left	53589	30465	250 Oil	631B	641 (Opt.)	53564	656G
63283	Lever	53783	177 Optional—Left for Stellite 81—Right	53589	601	250 Oil	631B	641 (Opt.)	53564	656G

Valve Reconditioning Equipment



No. 6024

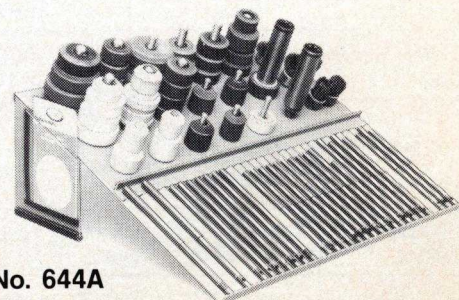
- Moderately priced but with SIOUX quality
- Handle valve stems from .230" to 11/16"
- Will grind faces up to 4" in diameter
- Will grind valve angles from 15°-75°
- See price list for optional voltages

Machine No.	Net Wt.	Base Dim.	Motor Drive	Chuck Cap Stem	Valve Head Cap	Dressing Attach.	Grinding Wheels	Vee Block	Wrench	Coolant	Optional Rocker Arm Attach.	Diamonds
6024	150 lbs.	17" x 13-3/4"	1/3 HP	.230 to 11/16"	4"	104	RH-81 LH-83	53791	601	250 Oil	656G	RH-63222 LH-104

No. 644
Valve Service Cabinet



No. 644—Valve Service Cabinet (stationary). Cabinet is of sturdy steel construction with large top surface, 31-3/4" x 18" for valve face grinding machine. Valve racks are provided and shelf space for other required tools. Casters not available.



No. 644A

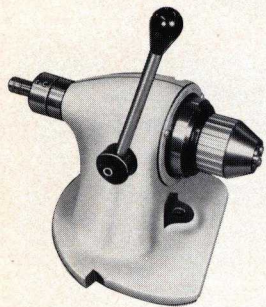
No. 644A—Seatmate. Grinding wheels and pilots not included.



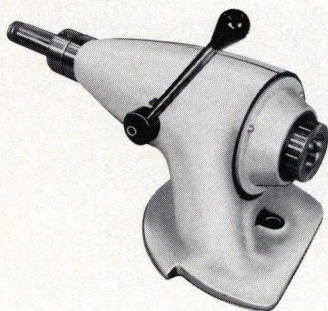
Valve Reconditioning Equipment

For The Production Shop

CHUCKS



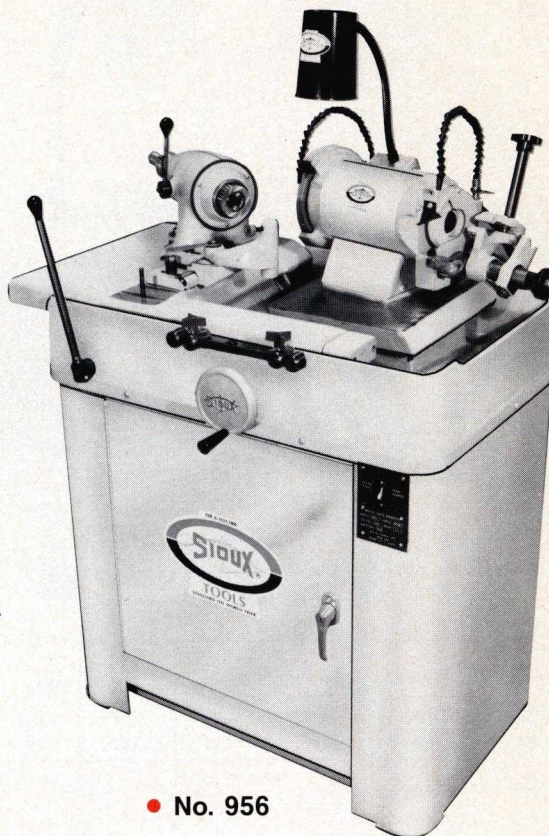
No. 53683—.230 to 11/16



No. 53684—9/16 to 1-1/4

- SIOUX Chucking system
- Heavy duty
- For valves up to 6-1/2" diameter
- Valve stems up to 1-1/4" diameter
- Stem lengths up to 18"

- Angles from 15° to 90°
- 230 Volt, 60 cycle, single phase standard. See price list for optional voltages.



• No. 956

No. 641B—Flexible Plastic Protective Cover for No. 956 machine, optional at added cost.

Machine No.	Chuck Cap. Stem Inches	Valve Head Max. Dia. Inches	Net Weight Lbs.	Base Dimensions Inches	Motors
956*	.230 to 1-1/4	6-1/2	745	35 x 23	Grinding Head—1 H.P.; Chuck—1/3 H.P.; Pump—1/70 H.P.
957	.230 to 11/16	6-1/2	720	35 x 23	
958	9/16 to 1-1/4	6-1/2	720	35 x 23	

*Two Chucks standard with this machine.

Dressing Attach.	Chuck Type	Right End Attach.	Grinding Wheels	Vee Block	Wrench	Coolant	Chuck Shields	Cover
628 w/681 Diamond	Lever	642 w/1715A Diamond	Left 176 (177 Opt.) Right 81	53589/53690	601	250 Oil	638B	641B (Opt.)
628 w/681 Diamond	Lever	642 w/1715A Diamond	Left 176 (177 Opt.) Right 81	53589/53690	601	250 Oil	638B	641B (Opt.)
628 w/681 Diamond	Lever	642 w/1715A Diamond	Left 176 (177 Opt.) Right 81	53589/53690	601	250 Oil	638B	641B (Opt.)

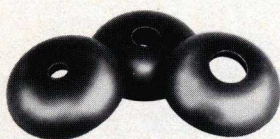
Valve Reconditioning Equipment Accessories



SIoux Auxiliary Chuck



No. A30B—Auxiliary chuck and Arbor, for valve stems less than 5/16", used in Valve Face Grinding Machine Chuck. For small 45° valves only.



Shields

Used on valve stems to prevent the coolant from getting into the chuck.

No. 631B—Rubber Shields. Set of 3. For Valve stems up to 9/16" diameter.

No. 638B—Rubber Shields. Set of 5. For Valve stems up to 13/16" diameter.

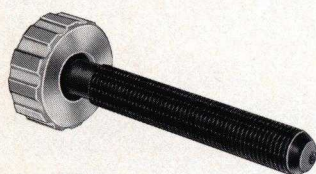
Aligner Bushings

To grind valves longer than capacity of Floating Aligner, remove Floating Aligner and use Bushing as shown.

No. 682-4AL-160,	7/16"	No. 682-4B-166,	13/16"
No. 682-4AL-161,	1/2"	No. 682-4B-167,	7/8"
No. 682-4AL-162,	9/16"	No. 682-4B-168,	15/16"
No. 682-4AL-163,	5/8"	No. 682-4B-169,	1"
No. 682-4B-163,	5/8"	No. 682-4B-170,	1-1/16"
No. 682-4B-165,	3/4"	No. 682-4B-171,	1-1/8"
		No. 682-4B-172,	1-1/4"

No. 604—Aligner Wrench fits all valve grinding machines.

No. 601—Wrench. Used on 6024, 2001SP, 956 series.



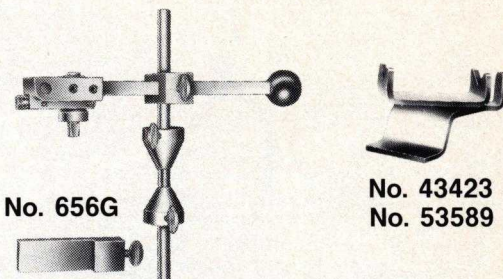
No. 1715

Valve Grinding Wheel Diamonds For Best Results Use Sharp Diamonds

Diamond No.	Carat Size	Machine No.	Right End Attach. Where Used, Diamond No.
681	3/4	682, 956	1715A 3/8 Carat
112	1/4	620, 624, 650, 6024	
112	1/4	622, 655	
112	1/4	622N	
112	1/4	657	
112	1/4	661, 662, 663	
1715	1/4	645, 685L, 2001	1715 1/4 Carat
1715M*	1/4	680	1715 1/4 Carat
1715A	3/8	680	1715 1/4 Carat
112	1/4	6024	63222* 3/4 Carat

*Clusters

Accessories



No. 656G

No. 43423
No. 53589

No. 656G—Rocker Arm Attachment. Grinds auto, truck and tractor rocker arms quickly and accurately. For Nos. 645, 680, 682, 956, 2001 and 6024 Valve Face Grinding Machines.

No. 53589—Chamfering vee for chamfering valve ends. Used with right end attachment on 6024, 2001, 680 and 956.

No. 43423—Chamfering vee for chamfering valve ends. Used with right end attachment on 682.

Grinding Oil

No. 250—2 Litres. Grinding Oil for 624, 680, 682, 685, 2001, 6024, 956 machines and 645 Series 35217 up.

No. 249—2 Litres. Grinding Oil for 655, 645, 622 Machines.

No. 632G—Quart Concentrated Soluble Oil. Makes 10 gallons of grinding solution.

No. 634—SIoux-per Sol. 1 pt., makes 3 gallons. Used on 1650 and 1650A.

No. 634G—SIoux-per Sol. 2 Litres. Makes 12 gallons. Used on 1650 and 1650A.

Grinding Wheels for Valve Face Grinding Machines

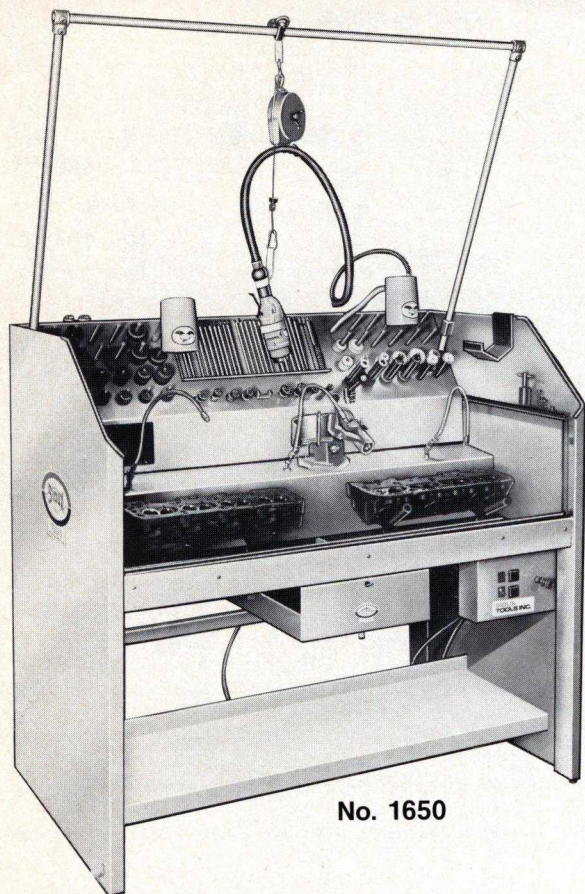
Use only SIoux replacement wheels to produce the most satisfactory results.

No.	Size			For Valve Type	Grit	Shape	Used On
	Diameter	Thickness	Hole				
In.	In.	In.	In.				
78E	4	1/2	5/8	Automotive	60	Offset	645,622N,620,624,6024
78SP	4	1/2	5/8	Plunge Grinding	60	Offset	645,622N,620,624,6024
78A	4	1/2	5/8	Stellite Only	80	Offset	645,622N,620,624,6024
81	4	1	5/8	Valve Ends	54	Cup	645,680,956,6024,2001
83	4	1/2	5/8	Stellite	60	Offset	645,624,6024
176	7	11/16	1-3/4	Nickel Alloy	60	Straight	680*,956*,2001*
177	7	11/16	1-3/4	Stellite	80	Straight	680,956,2001
178R	8	11/16	1-3/4	Auto. up to 4-1/2"	60	Offset	682
178PA	8	11/16	1-3/4	Aircraft Stellite	60	Offset	682
181	7	1	1-3/4	Valve Ends	36	Cup	682 with 619A
184	6	5/8	3/4	Automotive	60	Offset	685L
186	6	5/8	3/4	Stellite	80	Offset	685L
187	6	5/8	3/4	Stellite	60	Offset	685L
189	5	1	3/4	Automotive	46	Cup	685L
191	6	5/8	3/4	Stellite	80	Offset	685L

*Standard Equipment on these machines.



Cylinder Head Work Center Wet or Dry



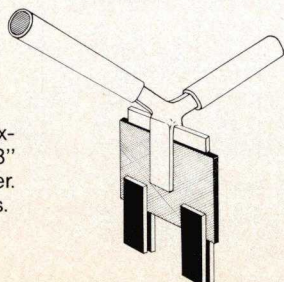
No. 1650

- Convenient storage for pilots, reamers, grinding wheels, and holders
- 2 gallon coolant oil capacity
- Holds two heads at correct work height
- 55" high
- 89" overall
- 37" deep
- 59" long

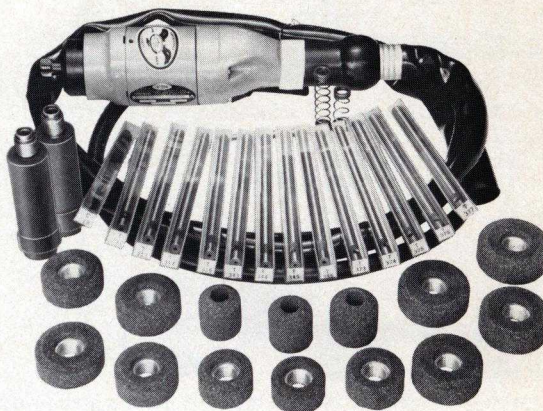
Use either air or electric drivers—angle or straight. New straight lever operated remote exhaust air driver for overhead suspended operation available.

Auxiliary air and electric outlets provided to accommodate other portable air or electric tools.

No. 1650—Includes overhead balancer, diamond dressing tool, lights, fluid pump and 1 pint of No. 634 SIoux-per Sol Coolant. Pilots, wheels, and driver not included.



No. 1655—Work Center Extender Kit. Raises head 3" above bed of work center. Kit contains two extenders.



No. 1765—Air Valve Seat Grinder Set. Use with No. 1650 Cylinder Head Work Center, for wet seat grinding.

For general automotive service—consists of the following items:

- | | |
|-------------------|-----------------------|
| 1 No. 1788LX..... | Air High Speed Driver |
| 2 No. 1702..... | Wheel Holder |
| 1 No. X811..... | Pin |
| 1 No. 1435..... | Lifting Spring |
| 1 No. 1437..... | Lifting Spring |

Roughing Wheels

- | | |
|--------------|-------------------|
| 1 SK-73..... | 1-5/16" 45 Degree |
| 1 SK-75..... | 3/8" 45 Degree |
| 1 SK-79..... | 1-1/2" 45 Degree |
| 1 K-83..... | 1-5/8" 45 Degree |
| 1 K-87..... | 1-3/4" 45 Degree |
| 1 K-91..... | 1-7/8" 45 Degree |
| 1 K-95..... | 2" 45 Degree |
| 1 K-98..... | 2-1/8" 45 Degree |
| 1 K-102..... | 2-1/4" 45 Degree |
| 1 K-483..... | 1-5/8" 30 Degree |
| 1 K-491..... | 1-7/8" 30 Degree |
| 1 K-495..... | 2" 30 Degree |
| 1 K-498..... | 2-1/8" 30 Degree |
| 1 K-512..... | 2-1/4" 30 Degree |

Tapered Pilots

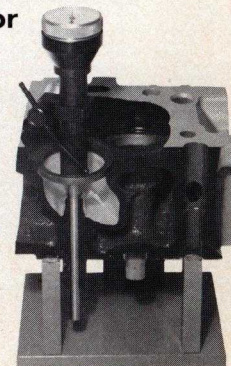
- | | |
|-----------------|------------------------------|
| 1 Each..... | T312, T313, T314, T315 |
| 1 Each..... | T343, T344, T345, T346 |
| 1 Each..... | T373, T374, T375, T376, T377 |
| 1 No. C118..... | Expanding Guide Cleaner |

SIoux Valve Seat Indicator for Checking Valve Seats

No. X825—SIoux Valve Seat Indicator for Tapered and Expanding pilots having (3/8" + .010) upper end. No. X825 consists of indicator head, and sleeve for pilots with No. 2 upper end.

No. X825ASP—"Short" Sleeve for X825 Indicators for "Short" tapered pilots having (3/8" + .010) No. 3 upper end.

No. X826—SIoux Valve Seat Indicator for tapered and expanding pilots having (9/16" + .010) No. 3 upper end.



Parts Cleaner Aircraft Valve Seat Center

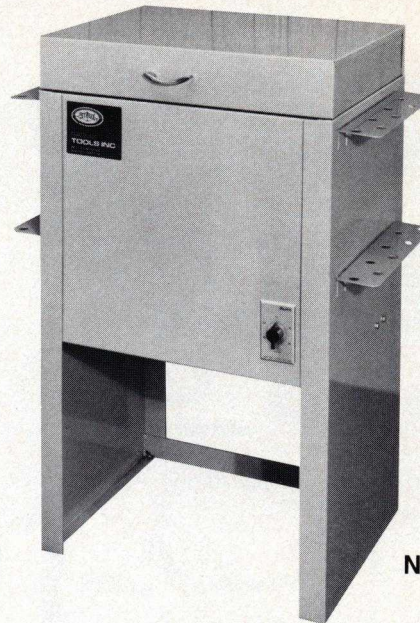


No. 710 Parts Cleaner

- Neoprene lined tumbling basket
- 0 to 60 minute timer
- Valve racks for 32 valves
- Easy loading and unloading
- Meets all OSHA and NFPA requirements
- Uses standard safety solvent
- Fluid-tight switches on motor
- Basket easy to remove
- Tank drains easily
- Basket rotation stops when lid is opened
- Jogging switch for basket orientation
- Durable steel construction
- Standard belt drive

Size	Fluid Cap.	Weight	Voltage	Timer	Basket Size
46"x24"x18"	3 Gal.	200 lbs.	115, 60 Hz.	0-60 mins.	12"x12"x8"

No. 710—Parts Cleaner
No. 710B—Basket Complete
with gear and bearings
No. 710S—20 lbs. of steel shot

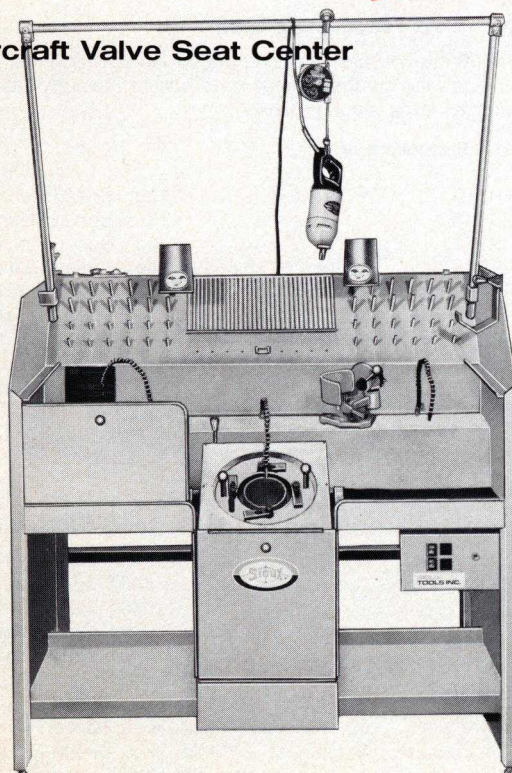


NEW!

SIoux No. 710
Parts Cleaner includes
20 lbs. of steel shot
(Solvent not included)

No. 710

Aircraft Valve Seat Center

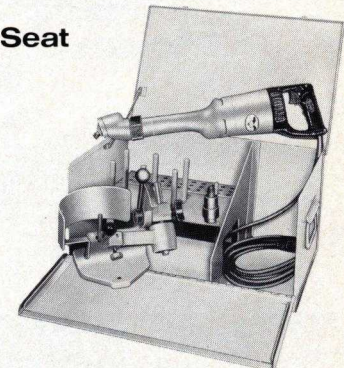


NEW

No. 1650A includes overhead balancer, diamond dressing tool and dressing driver, lights, fluid pump and 1 pint of No. 634 SIoux-per Sol Coolant. Pilots, wheels, and driver not included.

Aircraft Valve Seat Grinder Set

No. 1675—Basic Set
UNIVERSAL MOTOR
SPLINE DRIVE

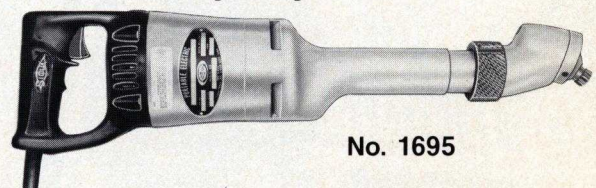


No. 1675—Basic Set Consists of:

- 1—No. 1695..... SIoux Heavy Duty Driver
- 1—No. 1672..... Ball-Bearing Holder
- 1—No. 1716—SIoux Dressing Tool, equipped with 1718C Pilot.
- 1—No. 1675-A..... SIoux Metal Box

Add to No. 1675 Set the Aircraft Pilots and Grinding Wheels to fit the engines to be serviced. For use on cast, hardened steel, bronze and Stellite valve seats.

Aircraft Heavy Duty Driver



No. 1695

No. 1695—The driving spindle is adjustable, for straight and 35° angle. Simply remove the collar and turn the driving spindle to required position. 10,000 RPM. Required for most small engines.



Holder

No. 1672

No. 1672—Aircraft Ball-Bearing Grinding Wheel Holder, 11/16"-16 thread. For Pilots with 3/8" + .010. No. 2 upper end.



Vacuum Tester Valve Guide Resizing Set

NEW!



No. 1630K Vacuum Tester

Now, check your entire valve train—valve, seat, stem and guide—quickly and accurately.

- Rugged all-metal construction
- Compact
- Fast—checks valves in 2-3 seconds
- Checks entire valve train (valve, seat, stem and guide)
- One hand operation—easy to use
- All parts are customer serviceable
- Valves are checked before installing springs and keepers
- Checks all types of valves and heads

No. 1630K consists of:

1630—Vacuum Tester
1630-2—2" Disc
1630-3—3" Disc
1630-4—4" Disc
1630B—Hose
1630C—Spark Plug Adaptor

Optional Equipment

1630-6—6" Disc

NEW!



No. 1746

No. 1746 Resizing Set

No. 1746—Valve Guide Resizing Set. An inexpensive method of resizing valve guides. Quickly done in any shop and requires no special large machine tools.

No. 1746 consists of:

1-1736	Air Driver
1-RR312	High Speed Reamer
1-RR343	High Speed Reamer
1-RR373	High Speed Reamer
1-RR375	High Speed Reamer
1-RA312	Resizing Arbor
1-RA343	Resizing Arbor
1-RA375	Resizing Arbor
1-RB500	Brush-Guide Cleaner
1-326B	Box (with liner)
1-251-A	Oil-Reamer Cutting
1-2601	Hex Shank - 1/4"
	1/4" socket - 4 pt. 1/4"

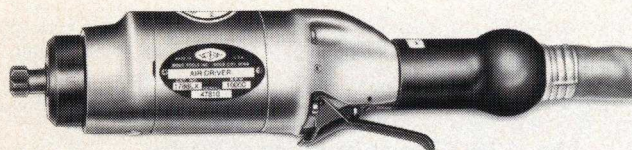
Optional Resizing Arbors and Reamers

RA275	7MM Resize Arbor
RA315	8MM Resize Arbor
RA354	9MM Resize Arbor
RA394	10MM Resize Arbor
RA437	7/16" Resize Arbor
RR275	7MM High Speed Reamer
RR315	8MM High Speed Reamer
RR354	9MM High Speed Reamer
RR394	10MM High Speed Reamer
RR437	.437 High Speed Reamer

Air and Electric Seat Grinding Drivers



Air



• No. 1788LX
Remote Exhaust



□ No. 1792

- Light weight
- Spline drive
- Governor controlled
- Spring loaded spindle for dual-action grinding
- Up to 2-1/2" wheel capacity

Electric



■ No. 1710 High Speed
No. 1712 Heavy Duty



♦ No. 1705
No. 1770

- Spline drive
- Available in 230 volt AC-DC
- Up to 6" wheel capacity
- Spring loaded spindle for dual-action grinding
- See page 54 for grinding wheel holders

Air Driver Specifications

Cat. No.	Angle of Drive	No Load Speed R.P.M.	Hose Conn.	Hose Size	Wheel Dia. Capacity	Length Ins.	Net Wt. Lbs.	Max. H.P.	Use with Holders
1788LX	Straight	10,000	1/4"PT	3/8"	2-1/2"	11-1/8	5-1/2	1	1672/1702
1792	15°	10,000	1/4"PT	3/8"	2-1/2"	11-3/4	4-3/4	1	1672/1702

Electric Driver Specifications

Cat. No.	Angle of Drive	No Load Speed R.P.M.	Volts	Amps	Wheel Dia. Capacity	Length Ins.	Net Wt. Lbs.	Max. H.P.	Use with Holders
1705	Straight	8,000	115/230	7/3.5	3"	12-3/4	8-3/4	1	1672/1702
1710	15°	10,000	115/230	6/3	2-1/2"	11-1/2	7-1/2	.6	1672/1702
1712	15°	8,000	115/230	7/3.5	3"	12-1/2	8-3/4	1	1672/1702
1770	Straight	4,000	115/230	7/3.5	6"	14-1/8	10	1	1703

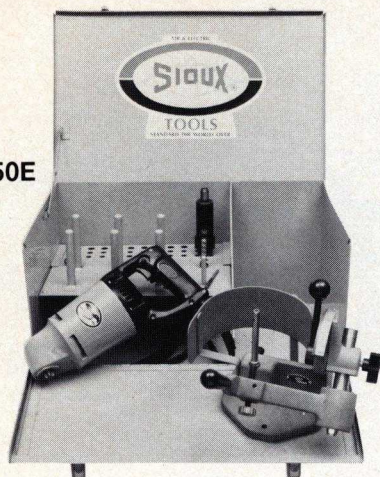
For Kwik-Way tools and accessories, see page 60.



Basic Valve Seat Grinding Sets

Customized Sets Available on Request

No. 1750E



No. 1750E—Basic Electric Grinder Set

Consists of the following items:

No. 1710 High Speed Driver, 15° angle
 No. 1702 Ball Bearing Wheel Holder
 No. 1713D Capacity 4" Dressing Tool
 No. X811 Pin
 No. 1757 Metal Box
 No. 1435 Lifting Spring No. 1437 Lifting Spring

No. 1754A Basic Air Grinder Set

Consists of the following items:

No. 1792 Air High Speed Driver, 15° angle
 No. 1702 Ball Bearing Wheel Holder
 No. 1716 Capacity 4" Dressing Tool
 No. X811 Pin
 No. 1435 Lifting Spring
 No. 1437 Lifting Spring
 No. 1757 Metal Box

No. 1780E Basic Heavy Duty Valve Seat Grinder Set

Consists of the following items:

1—No. 1770 Heavy Duty Driver
 1—No. 1772D Dressing Tool with 1772B Pilot, 9/16" + .010
 2—No. 1703-5 Holders
 1—No. 1703-B Spanner Wrench
 1—No. 1682-3 Holder Clamp
 1—No. X826 Indicator
 1—No. X812 Pin
 1—No. 1442-3 3/4" Special Lifting Spring
 1—No. 1442-5 1/2" Special Lifting Spring
 1—No. 1757 Metal Box

Grinding Wheels and Pilots must be purchased extra for the particular engines to be serviced. (Specify make and model of engine.)

Complete Valve Seat Grinding Sets

No. 1725E

Electric Valve Seat Grinder Set

For General Automotive Service—

Consists of the following items:

1—No. 1710 High Speed Driver
 2—No. 1702 Wheel Holder
 1—No. 1716 Capacity 4" Dressing Tool
 1—No. X811 Pin
 1—No. 1435 Lifting Spring
 1—No. 1437 Lifting Spring
 1—No. 1757 Metal Box

Finishing Wheels

1—SK3 1-5/16" 45°	1—K28 2-1/8" 45°
1—SK5 1-3/8" 45°	1—K42 2-1/4" 45°
1—SK9 1-1/2" 45°	1—K413 1-5/8" 30°
1—K13 1-5/8" 45°	1—K421 1-7/8" 30°
1—K17 1-3/4" 45°	1—K425 2" 30°
1—K21 1-7/8" 45°	1—K428 2-1/8" 30°
1—K25 2" 45°	1—K442 2-1/4" 30°

Roughing Wheels

1—SK79 1-1/2" 45°	1—K87 1-3/4" 45°
1—K83 1-5/8" 45°	1—K91 1-7/8" 45°

Tapered Pilots

1—Each T312, T313, T314, T315
 1—Each T343, T344, T345, T346
 1—Each T373, T374, T375, T376, T377
 1—No. C118 Expanding Guide Cleaner

No. 1725EEX—Same as 1725E, except with expanding pilots
 No. 1725ELB—Same as No. 1725E except no No. 1757 Metal Box.

X825—Indicator. See page 48.

No. 1726E Heavy Duty

Electric Valve Seat Grinder Set

Consists of the following items:

1—No. 1712 Heavy Duty Driver
 2—No. 1702 Wheel Holder
 1—No. 1716 Capacity 6" Dressing Tool
 1—No. 2A Wrench
 1—No. X811 Pin
 1—No. 1436 Lifting Spring
 1—No. 1437 Lifting Spring
 1—No. 1757 Metal Box
 Above Basic Set No. 1774

Finishing Wheels

1—SK5 1-3/8" 45°
1—SK9 1-1/2" 45°
1—SK409 1-1/2" 30°
1—K13 1-5/8" 45°
1—K413 1-5/8" 30°
1—K17 1-3/4" 45°
1—K417 1-3/4" 30°
1—K21 1-7/8" 45°
1—K25 2" 45°
1—K28 2-1/8" 45°
1—K42 2-1/4" 45°

Roughing Wheels

1—SK75 1-3/8" 45°
1—K83 1-5/8" 45°
1—K483 1-5/8" 30°
1—K87 1-3/4" 45°
1—K487 1-3/4" 30°
1—K95 2" 45°
1—K98 2-1/8" 30°
1—K102 2-1/4" 45°

1—E312 5/16" Expanding Pilot
1—E343 11/32" Expanding Pilot
1—E375 3/8" Expanding Pilot
1—E406 13/32" Expanding Pilot
1—E437 7/16" Expanding Pilot
1—E500 1/2" Expanding Pilot
1—C118 Expanding Guide Cleaner
1—225 Carbon Cleaning Brush
1—226 Carbon Cleaning Brush

Complete Valve Seat Grinding Sets

Customized Sets Available on Request



No. 1771-A

No. 1771-A Air Valve Seat Grinder Set

For general automotive service

Consists of the following items:

- 1—No. 1792 Air High Speed Driver
- 2—No. 1702 Wheel Holder
- 1—No. 1716 Capacity 4" Dressing Tool
- 1—No. X811 Pin
- 1—No. 1435 Lifting Spring
- 1—No. 1437 Lifting Spring
- 1—No. 1757 Metal Box

Finishing Wheels

1—SK3	1-5/16"	45°	1—K28	2-1/8"	45°
1—SK5	1-3/8"	45°	1—K42	2-1/4"	45°
1—SK9	1-1/2"	45°	1—K413	1-5/8"	30°
1—K13	1-5/8"	45°	1—K421	1-7/8"	30°
1—K17	1-3/4"	45°	1—K425	2"	30°
1—K21	1-7/8"	45°	1—K428	2-1/8"	30°
1—K25	2"	45°	1—K442	2-1/4"	30°

Roughing Wheels

1—SK79	1-1/2"	45°	1—K87	1-3/4"	45°
1—K83	1-5/8"	45°	1—K91	1-7/8"	45°

Tapered Pilots

- 1—Each T312, T313, T314, T315
- 1—Each T343, T344, T345, T346
- 1—Each T373, T374, T375, T376, T377
- 1—No. C118 Expanding Guide Cleaner

No. 1768E Electric Valve Seat Grinder Set for Small Engines

For Power Mowers—Small Autos,
Motorcycles—Outboard Motors

Small engines require accurate valve seating. SIOUX small engine tools are specifically designed for this purpose. Lowest price consistent with accuracy.

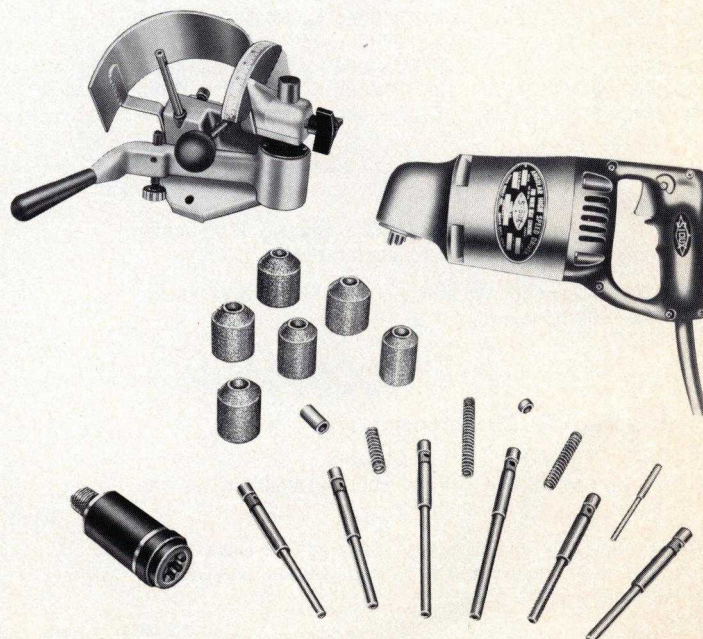
No. 1768E—Valve Seat Grinding Set. Capacity 1-3/8" grinding wheels, especially designed for the power mower, motorcycle or outboard engine rebuilder. Gives utmost precision and same high accuracy as larger sets. Set No. 1768E is complete with No. 1710 driver, No. 1716 Dressing Tool with No. 1718C Pilot, one No. 1672 Holder and three lifting springs, No. 1432 1-1/2" long, No. 1433 2-1/4" long, No. 1434 long, No. 1757 Metal Box, pilots and wheels listed below.

Tapered Pilots

- 1—No. TSS250 1/4" (Short)
- 1—No. TSS251 1/4" + .001 (Short)
- 1—No. TSS281 9/32" (Short)
- 1—No. TSS282 9/32" + .001 (Short)
- 1—No. TSS312 5/16" (Short)
- 1—No. TSS313 5/16" + .001 (Short)

Grinding Wheels

- 1—No. SK1B 1-1/16" 45°
- 1—No. SK1A 1-1/8" 45°
- 1—No. SK1C 1-3/16" 45°
- 1—No. SK1 1-1/4" 45°
- 1—No. SK3 1-5/16" 45°
- 1—No. SK5 1-3/8" 45°



No. 1768E



Valve Seat Grinding Accessories

NEW



No. 1672



No. 1702



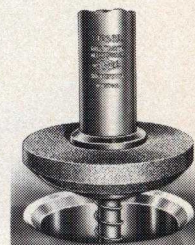
No. 1703-5



No. 1703-7



No. 1703

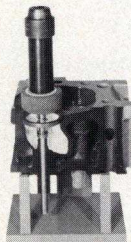


Lifting Springs

Lifting Springs

Lifting Springs are recommended under all wheels. They can be used on most jobs, saving drive unit and wheel breakage. Made in 5 lengths.

Place the lifting spring on pilot and bring the wheel up to speed before grinding.



No. 1432—	1-1/2"
No. 1433—	2-1/4"
No. 1434—	3" For use with TSS Pilots
No. 1435—	1-1/2" long for No. 2 Top Pilots
No. 1436—	2" long for No. 2 Top Pilots
No. 1437—	2-1/2" long for No. 2 Top Pilots
No. 1442—3-3/4"	3-3/4" long for No. 3 Top Pilots
No. 1442—5-1/2"	5-1/2" long for No. 3 Top Pilots

Flange

No. 1703-7—Flange for holder. Threads onto No. 1703 holder to handle large wheels with 1" smooth center hole.

No. 1703-8—Spanner Wrench. For use with 1703-7 Flange and No. 1703-5 Holder.



Valve Guide Brushes Tynex Nylon

Comprises .014 stiff Nylon bristle wound in steel wire with the size marked on the metal shank.

The strong tough Tynex Nylon bristles clean the valve guides fast and thoroughly, remove carbon, sludge and varnish without injury to the guide.

Number	Guide Size
N250	1/4"
N312	5/16"
N343	11/32"
N375	3/8"
N437	7/16"
N500	1/2"-9/16"
N625	5/8"
N750	3/4"

Wheel Holders

Ball bearings are mounted between the inner and outer sleeves.

The hardened and precision ground inner sleeve floats on the pilot and reduces friction and wear.

No. 1702—Ball Bearing Grinding Wheel Holder, 11/16"-16 thread. For use with No. 2 SIOUX upper end tapered or expanding pilots having 3/8" + .010 upper end. Size 1-1/4" diameter by 5" long.

No. 1703—Ball Bearing Grinding Wheel Holder, 7/8"-14 thread. For use with No. 3 SIOUX upper end tapered or expanding pilots having 9/16" + .010 upper end.

No. 1672—"Short" Ball Bearing Grinding Wheel Holder, 11/16"-16 thread. For use with tapered pilots having short No. 2 upper end. 1-1/4" diameter by 3-3/16" long.

No. 1782—Ball bearing production type holder for use with Quick Release driver No. 1785. For use with No. 2 SIOUX tapered or expanding pilots having 3/8" + .010 upper end.

No. 1703-5—Ball Bearing Grinding Wheel Holder with 1703-7 Flange for large wheels with 1" smooth center, also for No. 3 Hole threaded wheels, omitting the lower flange. 7/8"-14 thread. For use with No. 3 SIOUX upper end pilots having 9/16" + .010 upper end. Size 1-1/2" x 5" long.



SIOUX Valve Guide Cleaners Expanding

No. C118—Expanding Valve Guide Cleaner, complete with one extra set of blades.

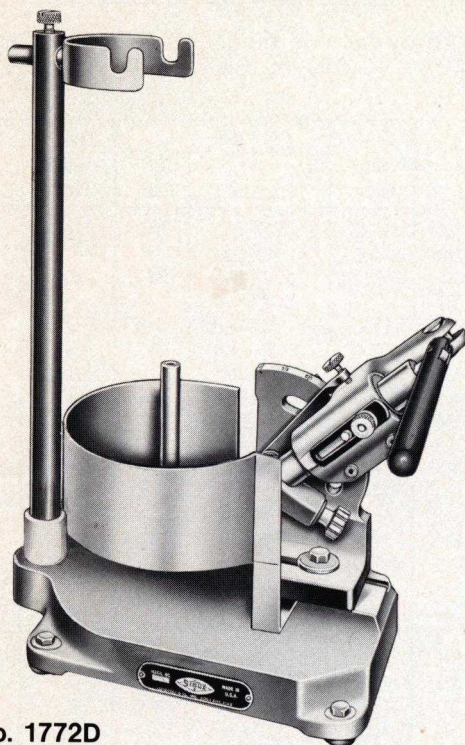
Adjustable for valve guides from 5/16" to 5/8". The flat spring steel blades press against the guide by spring tension and scrape out the carbon without injury to the guides.

No. C118A—Set of replacement blades for expanding valve guide cleaner.

Valve Seat Grinding Accessories



SIoux Heavy Duty Dressing Tools

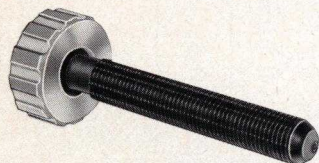


No. 1772D

No. 1772D—Heavy Duty Dressing Tool with Driver Support, guard, and 1772B pilot for 1703 wheel holders with 1715B hex diamond. Capacity up to 6-1/8" (156MM) wheel dia. Height 22" (559MM). Base 8" x 10-1/2" (203 x 267MM).

No. 1772A—Pilot for 1772D Dressing Tool for 1702 Holder.

No. 1772C—Pilot for Dressing Tool for 1672 Holder.



No. 1715—Replacement Diamond, 3/8"-24 thread. 1/4 KT.

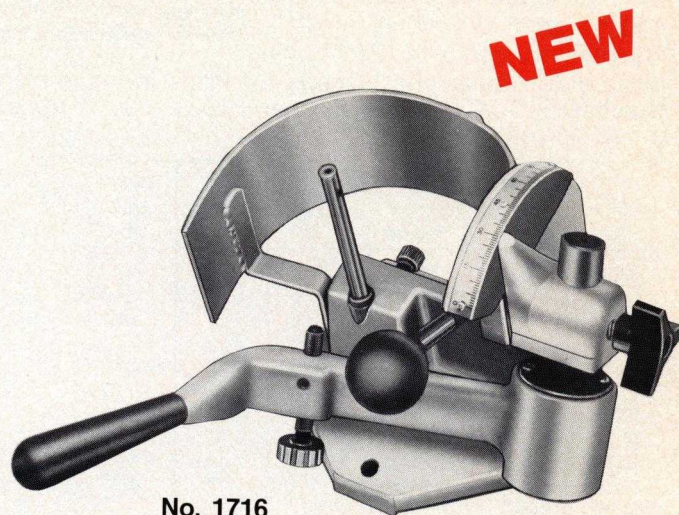
No. 1715A—Heavy Duty Diamond, 3/8"-24 thread. 3/8 KT.

No. 1715B—Replacement Hex Diamond. 3/8 KT. for 1719, 1719A, 1772, 1772D.

No. 1718A—Pilots for 1716, 1719, 1719A, 1713, 1713A, 1713B, 1713C, and 1713D dressing tools for use with No. 1702 wheel holder.

No. 1718B—Pilot for 1716, 1719, 1719A, 1713, 1713A, 1713B, 1713C, and 1713D dressing tools for use with No. 1703 wheel holder.

No. 1718C—Pilot for 1716, 1719, 1719A, 1713, 1713A, 1713B, 1713C, and 1713D dressing tools for use with No. 1672 wheel holder.

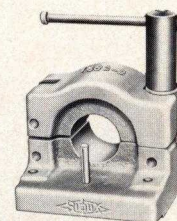


No. 1716

SIoux Heavy Duty Dressing Tools

For Automotive and Aircraft Valve Seat Grinding Wheels
No. 1716—Heavily built for extreme accuracy and ideal for production service. Capacity up to 6 in. Designed with complete adjustments for dressing ALL SIZES of SIoux valve seat grinding wheels, including angles from zero to 90°. Equipped with No. 1715 Diamond adjusting screw, guard and No. 1718A pilot for No. 1702 wheel holder. Height, 9", base, 6" x 6".

SK9-10—Bushings for use with 1716 and SK type wheels.



No. 1682-2

Holder Clamp

No. 1682-2—For 1702, 1672 Holders.

No. 1682-3—For 1703 Holders.

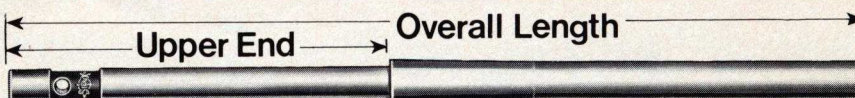


Standard Stock Size Tapered Pilots and Plug Gauges

The Patented Pilot illustrated shows length of Tapered Pilot from end to end indicated as "overall length."

The other section of the Pilot is in-

dicated as "upper end." Charts list Pilots in numerical sequence by catalog numbers. **Order by Catalog Number.** SIOUX Pilots are either SIOUX No. 2 upper end (3/8" + .010 or SIOUX No. 3 upper end (9/16" + .010).



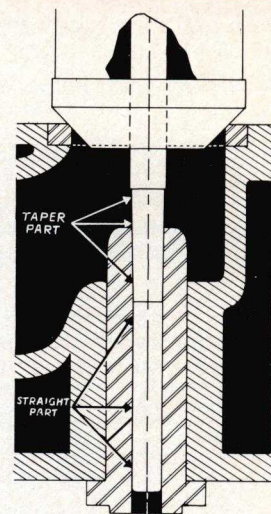
Cat. No.	Use With Holder	Size		Overall Length Ins.	Upper End Ins.
		Fractional	Decimal		
TSS190	1672	3/16+.003	.190	4-5/8	2-1/2
T 196	1702	3/16+.009	.196	6-1/8	4 (5MM)
TSS216	1672	7/32-.002	.216	4-5/8	2-1/2
TSS217	1672	7/32-.001	.217	4-5/8	2-1/2
TSS218	1672	7/32	.218	4-5/8	2-1/2
T 236	1702	15/64+.002	.236	6-1/8	4 (6MM)
T 250	1702	1/4	.250	6-1/8	4
TS 250	1702	1/4	.250	8-3/8	5
TSS250	1672	1/4	.250	4-5/8	2-1/2
T 251	1702	1/4+.001	.251	6-1/8	4
TS 251	1702	1/4+.001	.251	8-3/8	5
TSS251	1672	1/4+.001	.251	4-5/8	2-1/2
T 252	1702	1/4+.002	.252	6-1/8	4
T 253	1702	1/4+.003	.253	6-1/8	4
T 254	1702	1/4+.004	.254	6-1/8	4
T 260	1702	1/4+.010	.260	6-1/8	4
T 261	1702	17/64-.004	.261	6-1/8	4
T 262	1702	17/64-.003	.262	6-1/8	4
T 275	1702	9/32-.006	.275	6-1/8	4 (7MM)
T 276	1702	9/32-.005	.276	6-1/8	4
T 277	1702	9/32-.004	.277	6-1/8	4
T 278	1702	9/32-.003	.278	6-1/8	4
T 280	1702	9/32-.001	.280	6-1/8	4
T 281	1702	9/32	.281	6-1/8	4
TSS281	1672	9/32	.281	4-5/8	2-1/2
T 282	1702	9/32+.001	.282	6-1/8	4
TSS282	1672	9/32+.001	.282	4-5/8	2-1/2
T 283	1702	9/32+.002	.283	6-1/8	4
T 284	1702	9/32+.003	.284	6-1/8	4
T 310	1702	5/16-.002	.310	7-3/8	4
T 311	1702	5/16-.001	.311	7-3/8	4
T 312	1702	5/16	.312	7-3/8	4
TS 312	1702	5/16	.312	8-3/8	5
TSS312	1672	5/16	.312	5-7/8	2-1/2
T 313	1702	5/16+.001	.313	7-3/8	4
TS 313	1702	5/16+.001	.313	8-3/8	5
TSS313	1672	5/16+.001	.313	5-7/8	2-1/2
T 314	1702	5/16+.002	.314	7-3/8	4
TS 314	1702	5/16+.002	.314	8-3/8	5
TSS314	1672	5/16+.002	.314	5-7/8	2-1/2
T 315	1702	5/16+.003	.315	7-3/8	4 (8MM)
TSS315	1672	5/16+.003	.315	5-7/8	2-1/2 (8MM)
T 316	1702	5/16+.004	.316	7-3/8	4
TSS316	1672	5/16+.004	.316	5-7/8	2-1/2
T 317	1702	5/16+.005	.317	7-3/8	4
T 318	1702	5/16+.006	.318	7-3/8	4
T 321	1702	21/64-.007	.321	7-3/8	4
T 327	1702	21/64-.001	.327	7-3/8	4
T 328	1702	21/64	.328	7-3/8	4
T 335	1702	21/64+.007	.335	7-3/8	4 (8.5MM)
T 340	1702	11/32-.003	.340	7-9/16	4
T 341	1702	11/32-.002	.341	7-9/16	4
T 342	1702	11/32-.001	.342	7-9/16	4
T 343	1702	11/32	.343	7-9/16	4
TS 343	1702	11/32	.343	8-3/8	5
TSS343	1672	11/32	.343	5-7/8	2-1/2
T 344	1702	11/32+.001	.344	7-9/16	4
TS 344	1702	11/32+.001	.344	8-3/8	5
T 345	1702	11/32+.002	.345	7-9/16	4
TS 345	1702	11/32+.002	.345	8-3/8	5

Cat. No.	Use With Holder	Size		Overall Length Ins.	Upper End Ins.
		Fractional	Decimal		
TSS345	1672	11/32+.002	.345	5-7/8	2-1/2
T 346	1702	11/32+.003	.346	7-9/16	4
TS 346	1702	11/32+.003	.346	8-3/8	5
T 347	1702	11/32+.004	.347	7-9/16	4
T 348	1702	11/32+.005	.348	7-9/16	4
T 353	1702	11/32+.010	.353	7-9/16	4
T 354	1702	23/64-.005	.354	7-9/16	4 (9MM)
T 355	1702	23/64-.004	.355	7-9/16	4
T 356	1702	23/64-.003	.356	7-9/16	4
T 357	1702	23/64-.002	.357	7-9/16	4
T 358	1702	23/64-.001	.358	7-9/16	4
T 359	1702	23/64	.359	7-9/16	4
T 371	1702	3/8-.004	.371	8	4
T 372	1702	3/8-.003	.372	8	4
T 373	1702	3/8-.002	.373	8	4
T 374	1702	3/8-.001	.374	8	4 (9.5MM)
T 375	1702	3/8	.375	8	4
TS 375	1702	3/8	.375	9	5
TSS375	1672	3/8	.375	6-1/2	2-1/2
T 376	1702	3/8+.001	.376	8	4
T 377	1702	3/8+.002	.377	8	4
T 378	1702	3/8+.003	.378	8	4
T 379	1702	3/8+.004	.379	8	4
T 380	1702	3/8-.005	.380	8	4
T 381	1702	3/8-.006	.381	8	4
T 383	1702	3/8+.008	.383	8	4
T 385	1702	25/64-.005	.385	8	4
T 388	1702	25/64-.002	.388	8	4
T 390	1702	25/64	.390	8	4
T 393	1702	25/64+.003	.393	8	4 (10MM)
T 394	1702	25/64+.004	.394	8	4
T 395	1702	25/64+.005	.395	8	4
T 396	1702	25/64+.006	.396	8	4
T 397	1702	25/64+.007	.397	8	4
T 398	1702	25/64+.008	.398	8	4
T 403	1702	13/32-.003	.403	8	4
T 404	1702	13/32-.002	.404	8	4
T 405	1702	13/32-.001	.405	8	4
TS 405	1702	13/32-.001	.405	10	5
T 406	1702	13/32	.406	8	4
TS 406	1702	13/32	.406	10	5
T 407	1702	13/32+.001	.407	8	4
TS 407	1702	13/32+.001	.407	10	5
T 408	1702	13/32+.002	.408	8	4
TS 408	1702	13/32+.002	.408	10	5
T 409	1702	13/32+.003	.409	8	4
T 415	1702	27/64-.006	.415	8-3/4	4
T 416	1702	27/64-.005	.416	8-3/4	4
T 417	1702	27/64-.004	.417	8-3/4	4
T 418	1702	27/64-.003	.418	8-3/4	4
T 419	1702	27/64-.002	.419	8-3/4	4
T 421	1702	27/64	.421	8-3/4	4
T 433	1702	7/16-.004	.433	8-3/4	4 (11MM)
T 434	1702	7/16-.003	.434	8-3/4	4
T 435	1702	7/16-.002	.435	8-3/4	4
T 436	1702	7/16-.001	.436	8-3/4	4
T 437	1702	7/16	.437	8-3/4	4
TS 437	1702	7/16	.437	10	5
T 438	1702	7/16+.001	.438	8-3/4	4

Standard Stock Size Tapered Pilots and Plug Gauges



Cat. No.	Use With Holder	Size		Overall Length Ins.	Upper End Ins.
		Fractional	Decimal		
TS 438	1702	7/16+.001	.438	10	5
T 439	1702	7/16+.002	.439	8-3/4	4
TS 439	1702	7/16+.002	.439	10	5
T 440	1702	7/16+.003	.440	8-3/4	4
T 441	1702	7/16+.004	.441	8-3/4	4
T 452	1702	29/64-.001	.452	8-3/4	4
T 453	1702	29/64	.453	8-3/4	4
TS 453	1702	29/64	.453	10	5
TS 454	1702	29/64+.001	.454	10	5
TS 455	1702	29/64+.002	.455	10	5
T 472	1702	15/32+.004	.472	8-3/4	4 (12MM)
T 500	1702	1/2	.500	8-3/4	4
TS 500	1702	1/2	.500	11	5
T 501	1702	1/2+.001	.501	8-3/4	4
TS 501	1702	1/2+.001	.501	11	5
T 502	1702	1/2+.002	.502	8-3/4	4
TS 502	1702	1/2+.002	.502	11	5
T 503	1702	1/2+.003	.503	8-3/4	4
TS 503	1702	1/2+.003	.503	11	5
T 504	1702	1/2+.004	.504	8-3/4	4
T 562	1703	9/16	.562	9	4
TS 562	1703	9/16	.562	11	5
TS 563	1703	9/16+.001	.563	11	5
TS 564	1703	9/16+.002	.564	11	5
TS 625	1703	5/8	.625	11-1/2	5-1/2
TS 626	1703	5/8+.001	.626	11-1/2	5-1/2
TS 627	1703	5/8+.002	.627	11-1/2	5-1/2
TS 628	1703	5/8+.003	.628	11-1/2	5-1/2
TS 629	1703	5/8+.004	.629	11-1/2	5-1/2
TS 630	1703	5/8+.005	.630	11-1/2	5-1/2
TS 631	1703	5/8+.006	.631	11-1/2	5-1/2
TS 750	1703	3/4	.750	11-1/2	5
TS 752	1703	3/4+.002	.752	11-1/2	5
TS 753	1703	3/4+.003	.753	11-1/2	5
TS 754	1703	3/4+.004	.754	11-1/2	5

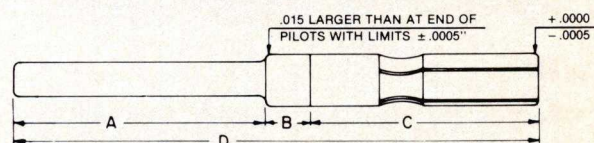


The GREATEST POSSIBLE ACCURACY can be obtained by using SIOUX Tapered Pilots with SIOUX Dual Action Valve Seat Grinder. The SIOUX method of tapering only the upper portion of the lower end instead of the whole length of the pilots, is the only positive way to prevent misalignment and inaccurate grinding.

SIOUX Tapered Pilots also serve as a plug gauge for checking wear in guides. If .004 oversize tapered pilot is loose then guide should be replaced.

How They Are Used—When placed in the engine and turned with a slight pressure they are anchored rigidly in the least worn part of the valve guide. By selecting largest SIOUX Tapered Pilots which will enter valve guide, straight part aligns pilot correctly with center line of valve guide, assuring perfect accuracy.

Note: Pilots listed are available from stock. Stock pilots, if listed in chart, can be ground down to a special size at an additional charge. We will quote promptly on pilots of special lengths and sizes. **Special pilots are not returnable.**



SIOUX Aircraft Expanding Pilots For Valve Seat Grinding

RANGE OF EXPANSION: .015"

Size up to 13/32" .003 under to .012 over
7/16" and up .005 under to .010 over.

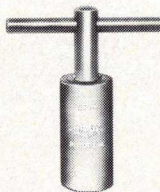
No. 2 upper end 3/8" plus .010 for No. 1672
Stock Pilots available for No. 1672 Holders.

SIOUX Pilot Puller

No. 722—Pilot Puller, designed to pull pilots from guide without danger of breakage, simple to operate. To be used with No. 2 upper end tapered pilots only.

No. X811—3/16 inch pin for inserting and removing tapered pilots with No. 2 upper end.

No. X812—1/4 inch pin for inserting and removing tapered pilots with No. 3 upper end.



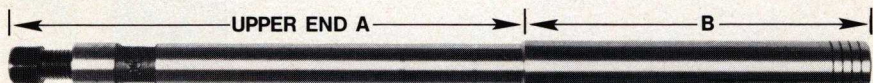
Cat. No.	Size	A	B	C	D
	Ins.	Ins.	Ins.	Ins.	Ins.
AE343	11/32	2-5/8	3/8	2-1/8	4-3/4
AE375	3/8	2-5/8	3/8	2-1/2	5-1/8
AE406	13/32	2-5/8	3/8	2-5/32	5-5/32
AEX437	7/16	2-3/4	1/2	2-1/2	5-3/4
AEX437A	7/16	2-1/8	1/2	2-5/32	4-3/4
AEX500	1/2	2-3/4	1/2	2-1/2	5-3/4
AEX500L	1/2	3-3/8	1/2	2-1/2	6-3/8
AEX562	9/16	2-3/4	1/2	2-1/2	5-3/4
AEX562L	9/16	3-3/8	1/2	2-1/2	6-3/8
AEX625	5/8	2-3/4	1/2	2-1/2	5-3/4



Tapered Expanding Pilots Valve Guide Reamers

SIOUX Tapered Expanding Pilots are self-centered in the valve guide. Range of expansion will handle valve guides from minus .002 to plus .008 on all standard sizes, thus reducing the number of pilots necessary for worn guides. Used with the same wheel holders as SIOUX Tapered Pilots.

(EXPANDING PILOTS CAN ONLY BE SUPPLIED IN SIZES LISTED BELOW)



| Tapered Portion | Expanding Portion

SIOUX Tapered Expanding Pilots 9/16 + .010 No. 3 Upper End for 1703 Wheel Holder

Cat. No.	Size	A	B
	Ins.	Ins.	Ins.
E562	9/16	4-1/2	3-3/4
E625	5/8	4-1/2	3-3/4
E687	11/16	4-1/2	4-7/8
E750	3/4	4-3/4	5-1/8

3/8" + .010 No. 2 Upper End for No. 1702 Grinding Wheel Holder

Cat. No.	Size	A	B
	Ins.	Ins.	Ins.
E6MM	.236	3-5/8	1-7/8
E250	1/4	3-3/4	1-7/8
E6.55MM	.256	3-3/4	1-7/8
E7MM	.275	3-3/4	1-7/8
E281	9/32	3-3/4	1-7/8
E7.5MM	.295	3-3/4	1-7/8
E312	5/16	3-3/4	2-1/4
E8MM	.315	3-3/4	2-1/4
E328	21/64	3-3/4	2-1/4
E8.5MM	.335	3-3/4	2-1/4
E343	11/32	3-3/4	2-1/2
E9MM	.354	3-3/4	2-1/2
E359	23/64	3-3/4	2-1/2
E375	3/8	3-3/4	2-5/8
E390	25/64	3-3/4	2-5/8
E10MM	.393	3-3/4	2-3/4
E396	.396	3-3/4	2-5/8
E403	.403	3-3/4	2-7/8
E406	13/32	3-3/4	2-7/8
E10.5MM	.413	3-3/4	2-3/4
E11MM	.433	3-3/4	2-7/8
E437	7/16	3-3/4	2-7/8
E453	29/64	3-3/4	2-7/8
E468	15/32	3-3/4	2-7/8
E12MM	.472	3-3/4	2-7/8
E500	1/2	4-1/2	3-3/8
E531	17/32	4-1/4	3-5/8



SIOUX Wrench for Expanding Pilots

No. 2A—SIOUX Wrench for use with Expanding Pilots having 3/8" + .010 upper end.

GH indicates High Speed Reamer



Cat. No. & Dec. Size	Size	Length
	Fractional	Ins.
GH236	15/64 + .002	7
GH250	1/4	7
GH260	1/4 + .010	7
GH275	9/32 - .006	7
GH280	9/32 - .001	7
GH310	5/16 + .002	7
GH311	5/16 - .001	7
GH312	5/16	7
GH313	5/16 + .001	7
GH314	5/16 + .002	7
GH315	5/16 + .003	7
GH316	5/16 + .004	7
GH317	5/16 + .005	7
GH318	5/16 + .006	7
GH335	21/64 + .007	7
GH341	11/32 - .002	7
GH342	11/32 - .001	7
GH343	11/32	7
GH344	11/32 + .001	7
GH345	11/32 + .002	7
GH346	11/32 + .003	7
GH353	11/32 + .010	7
GH354	23/64 - .005	7
GH358	23/64 - .001	7
GH371	3/8 - .004	7
GH372	3/8 - .003	7
GH373	3/8 - .002	7
GH374	3/8 - .001	7
GH375	3/8	7
GH376	3/8 + .001	7
GH378	3/8 + .003	7
GH405	13/32 - .001	7
GH406	13/32	7
GH415	27/64 - .006	7
GH417	27/64 - .004	7
GH433	7/16 - .004	7
GH436	7/16 - .001	7
GH437	7/16	9
GH453	29/64	9
GH499	1/2 - .001	9
GH500	1/2	9
GH562	9/16	9
GH625	5/8	9

Order by Catalog Number. Catalog No. is Decimal Size.

No. 251—Quart Reamer Cutting Oil.

No. 251A—1/2 Pint Reamer Cutting Oil.

Valve Seat Grinding Wheels

Grinding Wheels Not To Be Operated
Above 6500 S.F.P.M.



SMALL VALVE SEATS

STANDARD WHEELS FOR IRON AND STEEL



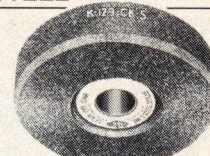
No. 2 Hole
11/16"-16
Thread for
No. 1672
and No. 1702
Holders



No. 2 Hole
11/16"-16 Thread
and No. 1672, 1674-2
and No. 1702 Holders



No. 3 Hole
7/8"-14 Thread for
No. 1703 and
1674-5 Holders



No. 5 Hole
Smooth - No Thread for
No. 1703-5 Holder

Driver No.	Size Ins.	45° Finish	45° Rough	30° Finish	30° Rough	45° Finish	45° Rough	30° Finish	30° Rough	45° Finish	45° Rough	30° Finish	30° Rough	45° Finish	45° Rough	30° Finish	30° Rough
1788LX 1792	1-1/16	SK-1B	SK-70A	SK-32	SK-36												
	1-1/8	SK-1A	SK-70	SK-33	SK-37												
	1-3/16	SK-1C	SK-71A	SK-34	SK-38												
	1-1/4	SK-1	SK-71	SK-401	SK-471												
	1-5/16	SK-3	SK-73	SK-403	SK-473												
	1-3/8	SK-5	SK-75	SK-405	SK-475												
	1-7/16	SK-7	SK-77	SK-407	SK-477												
	1-1/2	SK-9	SK-79	SK-409	SK-479	K-9	K-79	K-409	K-479								
	1-9/16					K-11	K-81	K-411	K-481								
	1-5/8					K-13	K-83	K-413	K-483								
1705 1710 1712	1-11/16	SK-9-10 sleeves are used on the pilot of the SIOUX dressing stands to locate the SK type valve seat grinding wheels properly for dressing.				K-15	K-85	K-415	K-485								
	1-3/4					K-17	K-87	K-417	K-487								
	1-7/8					K-21	K-91	K-421	K-491								
	2					K-25	K-95	K-425	K-495								
1788LX 1792	2-1/16					K-27	K-97	K-427	K-497								
	2-1/8					K-28	K-98	K-428	K-498								
	2-1/4					K-42	K-102	K-442	K-512								
	2-3/8					K-44	K-104	K-444	K-514								
1705 1712	2-1/2					K-46	K-106	K-446	K-516								
	2-5/8					K-629	K-569	K-749	K-759	K-49	K-109	K-449	K-519				
	2-3/4					K-631	K-571	K-751	K-761	K-51	K-111	K-451	K-521				
	2-7/8					K-633	K-573	K-753	K-763	K-53	K-113	K-453	K-523				
1770	3					K-635	K-575	K-755	K-765	K-55	K-115	K-455	K-525				
	3-1/8									K-56	K-116	K-456	K-526				
	3-1/4									K-57	K-117	K-457	K-527				
	3-3/8									K-58	K-118	K-458	K-528				
	3-1/2									K-59	K-119	K-459	K-529				
	3-5/8									K-60	K-120	K-460	K-530				
	3-3/4									K-61	K-121	K-461	K-531				
	4													K-63	K-123	K-463	K-533
	4-1/8													K-64	K-124	K-464	K-534
	4-1/4													K-65	K-125	K-465	K-535
	4-3/8													K-66	K-126	K-466	K-536
	4-1/2													K-67	K-127	K-467	K-537
	4-3/4													K-68	K-128	K-468	K-538
	5													K-69	K-129	K-430	K-539
	5-1/4													K-300	K-310	K-432	K-541
	5-1/2													K-302	K-312	K-434	K-543
	5-3/4													K-304	K-314	K-435	K-544
	6													K-306	K-316	K-436	K-545

GRINDING WHEELS NOT TO BE OPERATED ABOVE 6500 S.F.P.M.

SIOUX Valve Seat Grinding Wheels are all made to most exacting specifications. Each is designed for a specific job. Speed is most important and a wheel should not be used that turns above its allowable surface feet per minute speed. This is on the average 6500 S.F.P.M. Overspeed glazes the wheel so it cannot cut and could result in breakage of wheels.

FOR HARD STEEL ALLOYS

Wheels available from 2-5/8" thru 6". To order suffix -CK behind K number. (Example K-63-CK.) Same price

WHEELS AVAILABLE FOR STELLITE

Wheels available 1-1/6" thru 3-3/4". To order suffix -WS behind K number. (Example K-98-WS.) Same price

NOTE: When specs call for 1/16" size wheel and none is shown in the chart above, the next larger size wheel will be substituted. Example: Order calls for 2-9/16" wheel, 2-5/8" will be substituted. This also applies where no 1/8" size wheel is listed. Wheels can be dressed to a smaller diameter or to any degree of face with appropriate SIOUX Dressing Tools.



Valve Seat Grinding Wheel Display Set

No. K200—A set of 26 of the most popular SIOUX Valve Seat Grinding Wheels plus two of the Wheel Holders and three bushings attractively packed in a display carton. Sell as a set or keep your display stocked for individual wheel sales.



No. 47



No. 47BD

No. 47—Threaded Bushing for reducing No. 3 hole grinding wheels to No. 2 hole. Used with No. 1702 Holder.

No. 47BD—For using SIOUX Valve Seat Grinding Wheels with Black & Decker Holders.

Valve Seat Grinding Wheel Replacement Set

No. K100—A set of seven of the most popular Valve Seat Grinding Wheels packed in a clear plastic box. Complete with No. 47BD threaded bushing. Includes SK5, K9, K13, K17, K21, K25, and K28 wheels. Fit SIOUX, K.O. Lee, Snap-On and Black & Decker Seat Grinding Sets.





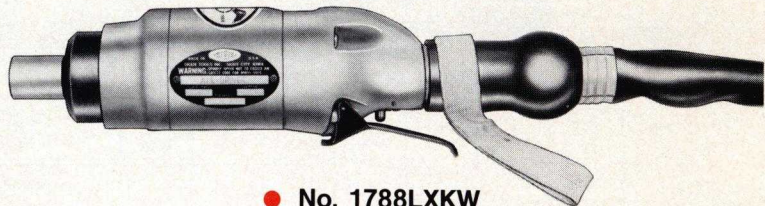
NEW

Kwik-Way Drivers Kwik-Way Grinding Wheels Accessories for Kwik-Way Sets

SIOUX Air Drivers for Kwik-Way Holders



□ No. 1792KW



● No. 1788LXKW

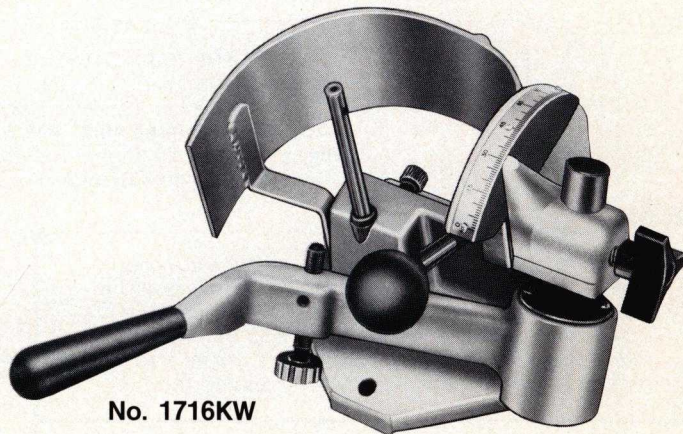
Air Driver Specifications

Cat. No.	Angle of Drive	No Load Speed R.P.M.	Hose Conn.	Hose Size	Wheel Dia. Capacity	Length Ins.	Net Wt. Lbs.	Max. H.P.
1788LXKW	Straight	10,000	1/4"PT	3/8"	2-1/2"	11-1/8	5-1/2	1 ●
1792KW	15°	10,000	1/4"PT	3/8"	2-1/2"	11-3/4	4-3/4	1 □

General Purpose Grinding Wheels for Kwik-Way Holder and Driver 13/16"-13 Thd

Size Ins.	45°	30°
1-1/4	G1KW	G401KW
1-5/16	G3KW	
1-3/8	G5KW	G405KW
1-7/16	G7KW	
1-1/2	G9KW	G409KW
1-9/16	G11KW	
1-5/8	G13KW	G413KW
1-3/4	G17KW	G417KW
1-7/8	G21KW	G421KW
2	G25KW	G425KW
2-1/8	G28KW	G428KW
2-1/4	G42KW	G442KW
2-3/8	G44KW	G444KW
2-1/2	G46KW	G446KW

General Purpose Grinding Wheels for Kwik-Way Holder and Driver 13/16"-13 Thread



No. 1716KW

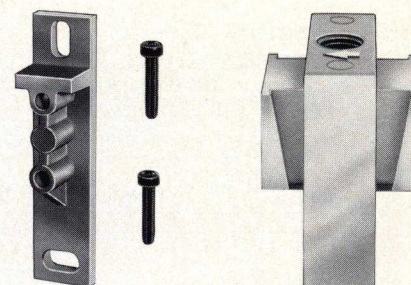
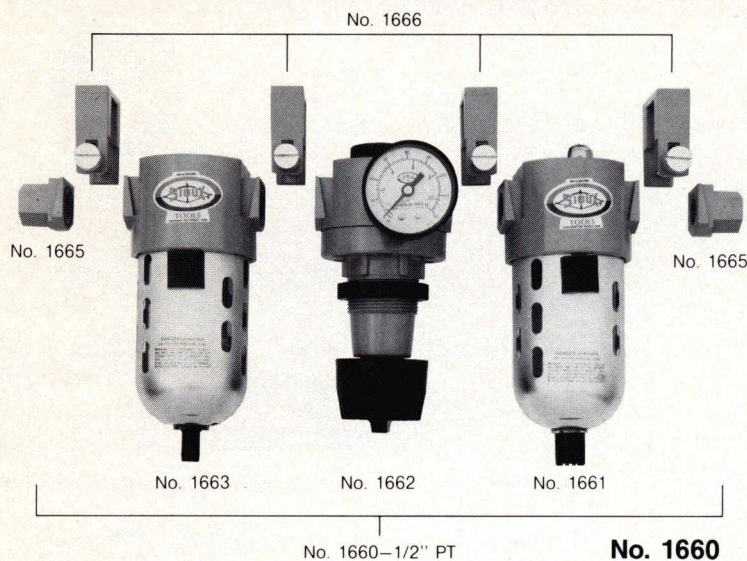
No. 1716KW—Heavily built for extreme accuracy and ideal for production service. Capacity up to 6 inches. Designed with complete adjustments for dressing all sizes of SIOUX Valve Seat Grinding Wheels, including angles from zero to 90°. Equipped with No. 1715 Diamond adjusting screw, guard and No. 1716KW pilot for KW wheel holder. Height 9", base 6x6 inches.

No. 1718KW—Replacement pilot for 1716KW dressing tool.



Air Tool Accessories

The Air Control Unit is designed to deliver clean, dry air properly regulated (90 PSI) with a constant oil supply to air tools.



No. 1668

No. 1664

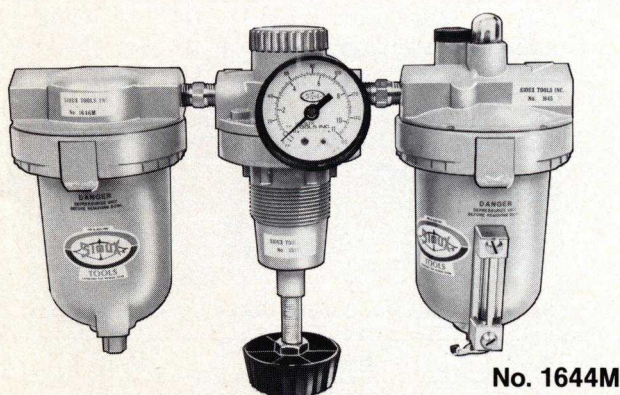
Air Motor Oil For Air Tools

No. 288 - 1/2 Pt.

No. 288-1 - 1 qt.

No. 288-2 - 1 gal.

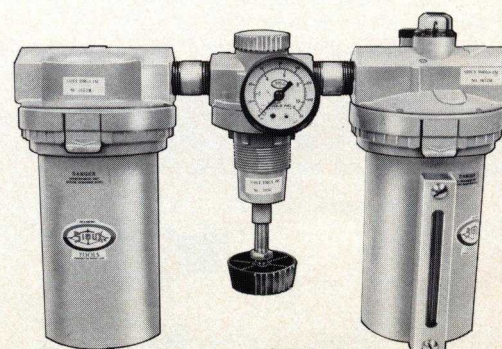
	Cat. No.	Description	
1/2" PT	1660	Complete Air Control Unit, 1/2"PT	30-75 CFM
	1661	Lubricator only, 1/2"PT	
	1662	Regulator with Gauge, 1/2"PT	
	1663	Manual Flex Drain Filter, 1/2"PT	
	1664	Manifold Block	
	1665	Connecting End Blocks	
	1666	Modular Sleeve ("O" Ring included)	
	1667	Automatic Drain—Optional	
	1668	Sleeve Wall Mounting Bracket	



No. 1644M

	Cat. No.	Description	
1/4" PT	1644M	Complete Automatic Air Control Unit, 1/4"PT, includes regulator, filter and Lubricator	30 CFM & Under
	1645M	Lubricator only, 1/4"PT, 1/2 pint Capacity	
	1349B	Regulator with Gauge, 1/4"PT	
	1646M	Automatic Air Filter, 1/4"PT, automatic float drain empties when full	

	Cat. No.	Description	
3/4" PT	1651M	Complete Automatic Air Control Unit, 3/4"PT, larger capacity and float type filter for automatic drain	75 CFM & Over
	1652M	Lubricator only, 3/4"PT, 1 quart Capacity	
	1654	Regulator with Gauge, 3/4"PT	
	1653M	Automatic Air Filter, 3/4"PT, automatic float drain empties when full	



No. 1651M



Couplers and Balancers Air Hoses



SIoux Air Hose

SIoux Air Hose is designed for air tools use. These hoses are oil and abrasive resistant. Inside diameters and fittings are of proper size for maximum tool efficiency.

Cat. No.	Use	Size I.D.	Length	Fittings
1359	Leader Supply	1/4"	6 Ft.	1/4"MPT Both Ends
1376	Leader Supply	3/8"	6 Ft.	1/4"MPT Both Ends
1377	Supply	3/8"	25 Ft.	1/4"MPT Both Ends
1378	Supply	3/8"	50 Ft.	1/4"PT Both Ends
1381	Leader Supply	1/2"	6 Ft.	3/8"MPT Both Ends
1382	Supply	1/2"	25 Ft.	3/8" Coupler 1/2" Supply MPT
1383	Supply	1/2"	50 Ft.	3/8" Coupler 1/2" Supply MPT
1386	Leader Supply	1/2"	6 Ft.	1/2"MPT Both Ends
1360	Supply	1/2"	25 Ft.	1/2"MPT Both Ends
1388	Supply	1/2"	50 Ft.	1/2"MPT Both Ends
1362	Supply	3/4"	25 Ft.	1/2" Coupler 3/4" Supply MPT
1363	Supply Extension	3/4"	25 Ft.	3/4" Both Ends
1358	Exhaust	3/4"	3 Ft.	None
1361	Exhaust	1"	4 Ft.	None
1365	Exhaust	3/4"	3 Ft.	None

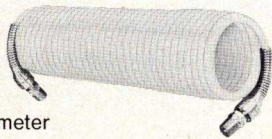
Quick Change Couplers are recommended with the above hoses.

Nylon Recoil Air Hose

No. 1326

No. 1326—1/4" Hose, inside diameter with 1/4"NPT swivel ends, 25 ft. long

No. 1327—3/8" Hose, inside diameter with 1/4"NPT swivel ends, 25 ft. long.



SIoux Silencer

No. 2306—SIoux Silencer to be used on #2 Series and Impact Wrenches.

No. 1333—Air Regulator for #1 Series.



No. 1334—Adaptor for #1 Series 1/8" Male P.T.—1/4" Female.



Balancers

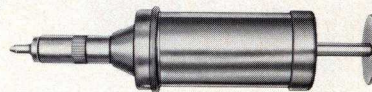
No. 2300—4 lb. capacity, 5 ft. cable.

No. 2301—5-10 lb. capacity, 8 ft. cable.

No. 2302—2 lb. capacity, 5 ft. cable.



SIoux Grease Gun



No. 468A—Grease Gun. Used with Impact Wrenches and multi-assembly angle tools.

No. 469A—Grease nozzle to be used with No. 468A Grease Gun.



Interchange Series Quick Couplers



Quick Change Coupler



Male Coupler Nipple



Female Coupler Nipple

No.	Kind	Thread
1324	Quick Change Coupler	1/4" Pipe Thread
1325	Quick Change Coupler	1/2" Pipe Thread
1340	Female Coupler Nipple	1/4" Pipe Thread
1342	Male Coupler Nipple	1/4" Pipe Thread
1343	Female Coupler Nipple	1/2" Pipe Thread
1344	Male Coupler Nipple	1/2" Pipe Thread

Hi Capacity Quick Change Couplers



Quick Change Coupler



Male Coupler Nipple



Female Coupler Nipple

No.	Kind	Thread
1316	Male Coupler Nipple	1/4" Pipe Thread
1317	Male Coupler Nipple	3/8" Pipe Thread
1318	Male Coupler Nipple	1/2" Pipe Thread
1319	Male Coupler Nipple	3/4" Pipe Thread
1391	Quick Change Coupler	1/4" Pipe Thread
1392	Quick Change Coupler	3/8" Pipe Thread
1393	Quick Change Coupler	1/2" Pipe Thread
1394	Quick Change Coupler	3/4" Pipe Thread
1395	Female Coupler Nipple	1/4" Pipe Thread
1396	Female Coupler Nipple	3/8" Pipe Thread
1397	Female Coupler Nipple	1/2" Pipe Thread
1398	Female Coupler Nipple	3/4" Pipe Thread



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ELECTRIC AND AIR TOOLS

**SOLD ONLY BY
AUTHORIZED DISTRIBUTORS**

Prices Are Net To User and Are Subject To Change Without Notice
We Reserve The Right To Change Design Of The Tools Illustrated In This Catalog

MOTOR INFORMATION

DRILLS AND PORTABLE ELECTRIC TOOLS

Are equipped with Universal Motors. These will work on any cycle (60 or less) and direct current for voltage specified. Price and availability of 230 volt are noted in user price list.

115 volt shipped on all orders unless otherwise specified. Not made in 3 phase.

VALVE GRINDING MACHINES AND BENCH GRINDERS

Are equipped with either capacitor or split phase start induction run motors. These will operate only on voltage and cycle as specified. Standard 115 volt, 60 cycle, single phase shipped on all orders unless otherwise specified. 230 volt, 1 phase and 3 phase available as noted in user price list.

No. 956 machine is shipped 230 volt, 60 cycle, single phase.

Special voltages and cycles extra price on 2001 valve face grinding machine.

AIR TOOLS

SIOUX air tools are manufactured with the same attention to precision, which is a trademark of SIOUX electric tools.

Air line lubricators, filters, and regulators are the big three which control air tool maintenance cost.

1. The proper amount of quality air motor oil is of prime importance to air motors. It is not sufficient to squirt oil into the air tool twice daily, except for intermittent air tool service.
2. An air filter placed with the lubricator at the air outlet to the tool will collect moisture, line scale, and prevent washing away lubrication, thereby preventing rust and corrosion.
3. Regulated Air Pressure. SIOUX Air Tools, unless otherwise specified, are designed to operate at 90 PSI with maximum efficiency and longer life. Pressures in excess of 90 PSI could severely damage the tool and will increase maintenance cost. Low air pressure reduces the efficiency of the air tools. It is recommended that an air regulator be placed in close proximity to the working tool in order to maintain proper pressure.

GUARANTEE

All SIOUX Tools are carefully inspected before shipment.

We guarantee to replace any part of a tool that is defective due to faulty material or workmanship and which has not been misused or carelessly handled. The complete tool or part must be returned to our factory or authorized Service Center. We decline responsibility where repairs have been made or attempted by others. Any different guarantee made by others is not authorized by us.

TOOLS AVAILABLE IN 230 VOLT

The following tools are available in 230 volt: 330, 335, 336, 1274, 1275, 1276, 1277, 1279, 1510, 1575, 1579, 1695, 1705, 1710, 1712, 1770, 2089, 2090, 2091, and the 8000 series.

IMPORTANT

Safety and dependability are foremost in the engineering and construction of SIOUX Tools. We conform to the Occupational Safety and Health Act of 1971.

When ordering Replacement Parts for any SIOUX Tool, be sure to specify Catalog Number and Serial Number of the Tool for which the parts are wanted.

AUTHORIZED SERVICE CENTERS

Authorized completely equipped Service Centers are located in most principal cities.



SIOUX TOOLS BEARING MONOGRAMS OF UNDERWRITERS' LABORATORIES, INC.,
OR CANADIAN STANDARDS ASSOCIATION ARE LISTED BY THEIR
LABORATORIES FOR INDUSTRIAL USE.



**SIOUX
TOOLS INC.**

2901 FLOYD BOULEVARD ■ SIOUX CITY, IOWA 51102 ■



Factory Owned and Operated

Phone (712) 252-0525

Telex 48-0120

"SIOUX Tools Factory Service" is a fully equipped and staffed facility operated in conjunction with the Sioux City Factory for the repair, rebuilding, warranty service and sale of replacement parts for all SIOUX Products.

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Power Tool Service, Inc.
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205-323-4311

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602-264-6203

Tucson

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Kimmerle Brothers
226 11th St. (94103)
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Santa Fe Springs

Kimmerle Brothers
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305-593-5040

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Willco
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4206 Howard Ave. (70125)
504-486-9391

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Everett

Panda Electrical Service
165 Main St. (02149)
617-389-1442

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Plymouth

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816-421-2037

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505-345-2426

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716-823-1232

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919-275-6124

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Power Tool Sales & Service, Inc.
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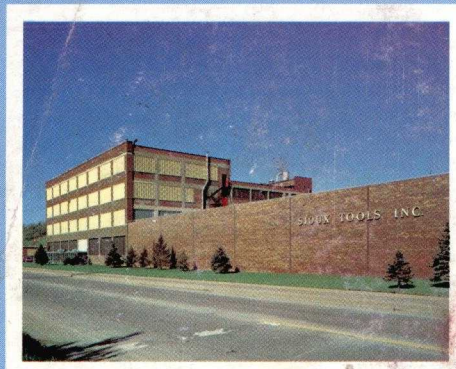
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